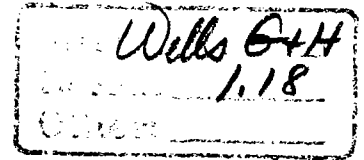




SDMS DocID

248054



FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES

FIT PROJECT

Superfund Records Center
SITE: Wells G+H
PHEAS: 1.18
OTHER: 248054

TASK REPORT TO THE ENVIRONMENTAL PROTECTION AGENCY CONTRACT NO. 68-01-6056

EVALUATION OF THE HYDROGEOLOGY
AND GROUNDWATER QUALITY
OF
EAST AND NORTH WOBURN, MASSACHUSETTS

VOLUME III
FINAL REPORT

APPENDIX C - WELL DATA

25 June 1982
TDD No. F1-8109-02

Prepared by: Ecology and Environment, Inc.
Field Investigation Team (FIT)
Region 1

Submitted to: John Hackler

ecology and environment, inc.

International Specialists in the Environmental Sciences

APPENDIX C

Well Data

TABLE C-1
Key to Well Renumbering System

New #	Old #	New #	Old #	New #	Old #	New #	Old #
S1	W1	S51	AG7	101	371	151	14 (Winchester)
S2	W2	S52	E37	102	5	152	B13(Winchester)
S3	W3	S53	426	103	E28	153	153(Winchester)
S4	W4	S54	AG4A	104	391	154	152(Winchester)
S5	W5	S55	AG6	105	382	155	154(Winchester)
S6	W6	S56	E25	106	381	156	10
S7	W7	S57	AG1	107	374	157	9 (Winchester)
S8	W8	S58	AG2	108	428	158	X2 (Winchester)
S9	W9	S59	AG5	109	429	159	X1 (Winchester)
S10	W10	S60	E41	110	61	160	24 (Winchester)
S11	W11	S61	BW7	111	62	161	B14(Winchester)
S12	W12	S62	BW5	112	55	162	X3 (Winchester)
S13	W13(Stoneham)	63	GW3	113	438	163	B3 (Winchester)
S14	W14(Stoneham)	64	GW6	114	63	164	B2 (Winchester)
S15	W15	65	GW1	115	64	165	B15(Winchester)
S16	W16	66	GW11	116	B12	166	B2 (Stoneham)
S17	W17(Winchester)	67	GW7	117	B11	167	B3 (Stoneham)
S18	W18(Winchester)	68	GW8	118	B10	168	E10
S19	W19	69	192	119	B9	169	X4
S20	W20	70	GW4(Wilmington)	120	431	170	340 (Reading)
S21	W21	71	76 (Wilmington)	121	432	171	B2 (Reading)
S22	W22	72	77 (Wilmington)	122	430	172	120 (Reading)
S23	GW2 (Wilmington)	73	GW12	123	BW2(Reading)	173	188
S24	GW10(Wilmington)	74	190(Wilmington)	124	BW4(Reading)	174	E44
S25	GW5 (Wilmington)	75	191(Wilmington)	125	B1 (Reading)	175	E45
S26	GZ3	76	168	126	435	176	GW9 (Wilmington)
S27	GZ2	77	170	127	263		
S28	GZ6	78	178	128	B6		
S29	GZ5	79	119(Reading)	129	85		
S30	E30	80	185	130	5 (Stoneham)		
S31	E29	81	B16	131	B15		
S32	E9	82	164	132	416		
S33	E26	83	176	133	415		
S34	E4	84	183	134	E40		
S35	E12	85	GZ1	135	E40A		
S36	E3	86	B14A	136	414		
S37	E27	87	B6A	137	412		
S38	E11	88	GZ4	138	417		
S38A	E11A	89	B2A	139	427		
S39	420	90	B9A	140	413		
S40	419	91	306	141	425		
S41	436	92	304	142	187		
S42	E8	93	305	143	B5		
S43	E42	94	B7	144	B4		
S44	364	95	E31	145	4 (Stoneham)		
S45	422	96	E32	146	B1		
S46	6	97	E33	147	X3 (Stoneham)		
S47	439	98	E34	148	X1 (Stoneham)		
S48	E39	99	E35	149	27		
S49	E38	100	E36	150	14 (Winchester)		
S50	424						

TABLE C2
Parameters for Selected Wells and Boreholes
in
North and East Woburn, Massachusetts
(Key on Page 7)

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		Date Measured
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft. MSL)	Static Level (ft. B.S.)	Static Level (ft. MSL)	
S1(W1)	EPA	1981	75	2	42.5	32	43	2.0	73.0	10/30/81
S2(W2)	EPA	1981	76	2	32.5	28	48	3.9	72.1	10/30/81
S3(W3)	EPA	1981	79	2	44	34	45	13.6	65.4	10/30/81
S4(W4)	EPA	1981	53.5	2	91	84	-30.5	5.0	48.5	10/30/81
S5(W5)	EPA	1981	54	2	65.5	54.6	- 0.6	2.9	51.1	10/30/81
S6(W6)	EPA	1981	57.5	2	94	84	-26.5	8.2	49.3	10/30/81
S7(W7)	EPA	1981	91	2	28	18	73	4.1	86.9	10/30/81
S8(W8)	EPA	1981	45	2	128.5	123	-78	2.0	43.0	10/30/81
S9(W9)	EPA	1981	43	2	65	60	-17	1.9	41.1	10/30/81
S10(W10)	EPA	1981	82.5	2	87	77	5.5	40.4	42.1	10/30/81
S11(W11)	EPA	1981	43	2	86	75.5	-32.5	2.0	41.0	10/30/81
S12(W12)	EPA	1981	41	2	59.5	51	-10	2.9	38.1	10/30/81
S13(W13)	EPA	1981	79	2	20	10	69	8.8	70.2	10/26/81
S14(W14)	EPA	1981	48	2	64.5	54	- 6	8.9	39.1	10/26/81
S15(W15)	EPA	1981	39	2	41	31	8	7.3	31.7	10/30/81
S16(W16)	EPA	1981	37	2	84	84	-47	6.6	30.4	10/26/81
S17(W17)	EPA	1981	40	2	117	111	-71	25.7	14.3	10/30/81
S18(W18)	EPA	1981	27	2	161	>161	<-134	3.0	24.0	10/30/81
S19(W19)	EPA	1981	65	2	54	49	16	13.1	51.9	10/30/81
S20(W20)	EPA	1981	65	2	141	>141	<-76	29.8	35.2	10/30/81
S21(W21)	EPA	1981	77	2	31.5	21	56	19.3	57.7	10/30/81
S22(W22)	EPA	1981	84	2	44	37	47	26.0	58.0	10/15/81
S23(GW2)	Olin Chemical	1977	88	2	15	>15	<73	11.0	77.0	03/02/81

Table C2 - continued

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		Date Measured
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft.MSL)	Static Level (ft.B.S.)	Static Level (ft.MSL)	
S24(GW10)	Olin Chemical	1977	87	2	24	>24	<63	8.6	78.4	11/12/80
S25(GW5)	Olin Chemical	1977	76	2	12	>12	<64	4.1	71.9	11/12/80
S26(GZ-3)	Janpet Associates	1981	68.5	2	35	31	37.5	5.4	63.1	01/19/81
S27(GZ-2)	Janpet Associates	1981	68.5	2	20	>20	<48.5	3.0	65.1	01/12/81
S28(GZ-6)	Janpet Associates	1981	69	2	45	>45	<24	11.7	57.3	01/16/81
S29(GZ-5)	Janpet Associates	1981	69	2	16.5	>16.5	<52.5	12.5	56.5	01/14/81
S32(E9)	Insultab	unk.	100	6"	300	0	100	unk.	---	----
S33(E26)	Solar Power	1979	70	6"	50	50	<20	7.0	63.0	/ /79
S34(E4)	Koala Inn	unk.	61	6	app.600	unk.	---	7.5	53.5	10/30/81
S38(E11)	N.E. Rifle Assn.	unk.	55	2.5	35	>35	>20	unk.	---	----
S39(W420)	Woburn	1964	45	24	89.3	>89.3	<-44.3	1.0	44.0	----
S40(W419)	Woburn	1967	45	24	88	>88	<-43	1.0	44.0	----
S41(W436)	N.E. Plastics	1962	60	8	358	38	22	15.0	45.0	02/ /62
S42(E8)	Mirra	unk.	80	6	200	20	60	unk.	---	----
S44(W364)	Independent Tallow	1940	85	24	34	>34	<51	5.0	80.0	12/02/80
S45(W422)	Woburn	1963	45	2	58	>58	<-13	2.0	43.0	10/ /63
S46(W6)	J. J. Riley	1958	50	24	51	>51	<-1	5.0	45.0	/ /58
S47(W439)	J. J. Riley	1945	55	unk.	35	>35	<20	5.0	50.0	----
S50(W424)	Atlantic Gelatin	1961	50	8	140	134	-84	14.0	36.0	02/12/81
S51(AG7)	Atlantic Gelatin	unk.	50	18	115	>115	<-65	unk.	---	----
S53(W426)	Atlantic Gelatin	1960	56	2	142	>142	<-86	14.0	42.0	10/ /60
S54(AG4A)	Atlantic Gelatin	1957	35	18	50.6	50	-15	9.8	25.2	12/03/57
S55(AG6)	Atlantic Gelatin	1958	47	18	124	>124	<-77	unk.	---	----
S57(AG1)	Atlantic Gelatin	1935	29	18	67	67	-38	unk.	---	----
S58(AG2)	Atlantic Gelatin	1936	32	18	100	>100	<-68	unk.	---	----
S59(AG5)	Atlantic Gelatin	1957	29	18	158	>158	<-129	19.0	10.0	11/20/57

Table C2 - continued

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		Date Measured
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft.MSL)	Static Level (ft.B.S.)	Static Level (ft.MSL)	
S60(E41)	MDC	1981	122.4	2	54	24	98.4	26.2	96.2	10/31/81
S61(BW7)	MDC	1982	104	2	80	21	83	unk.	---	----
S62(BW5)	MDC	1982	90	2	60.3	30.5	59.5	15.3	74.7	01/14/82
63 (GW3)	Olin Chemical	1977	85.5	2	22	>22	<63.5	4.2	81.3	12/06/78
64 (GW6)	Olin Chemical	1977	87	2	18	>18	<69	5.9	81.1	11/12/80
65 (GW1)	Olin Chemical	1977	88	2	21.2	>21.2	<66.8	11.3	76.7	11/12/80
66 (GW11)	Olin Chemical	1977	86	2	17	>17	<69	6.3	79.7	11/12/80
67 (GW7)	Olin Chemical	1977	83	2	14	>14	<69	5.3	77.7	11/12/80
68 (GW8)	Olin Chemical	1977	78	2	10.2	>10.2	<67.8	5.1	72.9	11/12/80
69 (W192)	Aberjona Packing	1945	75	2	30	>30	<45	unk.	---	----
70 (GW4)	Olin Chemical	1977	80	2	13.5	>13.5	<66.5	2.5	77.5	12/06/78
71 (W76)	Aberjona Packing	1945	80	2	38.5	>38.5	<41.5	unk.	---	----
72 (W77)	Aberjona Packing	1945	80	2	23.8	>23.8	<56.2	unk.	---	----
73 (GW12)	Olin Chemical	1977	82	2	12.7	>12.7	<69.3	4.6	77.4	11/12/80
74 (W190)	Aberjona Packing	1945	75	2	30	29	46	unk.	---	----
75 (W191)	Aberjona Packing	1945	75	2	21	>21	<54	unk.	---	----
76 (W168)	Aberjona Packing	1945	70	2	19	>19	<51	unk.	---	----
79 (W119)	Aberjona Packing	1945	75	2	19	>19	<56	unk.	---	----
81 (B16)	MDPW	1955	63	2	25	>25	<38	1.0	62.0	08/ /55
82 (W164)	Aberjona Packing	1945	70	2	25	>25	<45	unk.	---	----
83 (W176)	Aberjona Packing	1945	70	2	30	>30	<40	unk.	---	----
84 (W183)	Aberjona Packing	1945	70	2	31	>31	<39	unk.	---	----
85 (GZ-1)	Janpet Associates	1981	71	2	12.5	>12.5	<58.5	6.5	64.5	01/12/81

Table C2 - continued

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		Date Measured
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft. MSL)	Static Level (ft. B.S.)	Static Level (ft. MSL)	
86 (B14A)	Janpet Associates	1981	70	2	11	>11	<59	5.7	64.3	01/19/81
87 (B6A)	Janpet Associates	1981	69	2	23	>23	<46	5.4	63.6	01/19/81
88 (GZ-4)	Janpet Associates	1981	68	2	20	>20	<48	8.15	59.9	01/16/81
89 (B2A)	Janpet Associates	1981	68.5	2	32	>32	<36.5	9.65	58.9	01/16/81
90 (B9A)	Janpet Associates	1981	68	2	11.8	>11.8	<56.2	9.05	59.0	01/16/81
91 (W306)	Stauffer Chemical	1957	65	2	48	>48	<17	4.0	61.0	11/ /57
92 (W304)	Stauffer Chemical	1957	65	2	64	>64	<1	7.0	58.0	11/ /57
93 (W305)	Stauffer Chemical	1957	55	2	62	>62	<-7	4.0	51.0	11/ /57
94 (B7)	MDPW	1955	63	2	30	>30	<33	2.0	61.0	08/ /55
101(W371)	Stauffer Chemical	1957	70	2	30.5	>30.5	<39.5	unk.	---	----
104(W391)	Stauffer Chemical	1958	55	2	28	>28	<27	2.0	53.0	02/ /58
105(W382)	Stauffer Chemical	1957	65	2	38	>38	<27	4.0	61.0	08/ /57
106(W381)	Stauffer Chemical	1957	65	2	49	>49	<16	11.0	54.0	08/ /57
107(W374)	Stauffer Chemical	1957	60	2	44.5	>44.5	<15.5	3	57.0	06/ /57
108(W428)	Stauffer Chemical	1959	65	2	92	>92	<-27	17	48.0	08/ /59
109(W429)	Stauffer Chemical	1959	60	2	96	>96	<-36	24	36.0	08/ /59
110(W61)	Stauffer Chemical	1934	70	18	39	>39	<31	unk.	---	----
111(W62)	Stauffer Chemical	1935	70	18	87	>87	<-17	unk.	---	----
112(W55)	Stauffer Chemical	1952	70	18	86	>86	<-17	unk.	---	----
113(W438)	Stauffer Chemical	1964	55	24	61	>61	<-6	9.0	46.0	05/ /64
114(W63)	Stauffer Chemical	1936	70	18	83	>83	<-13	unk.	---	----
115(W64)	Stauffer Chemical	1937	70	24	79	>79	<-9	unk.	---	----
117(B11)	MDPW	1949	91	unk.	72	>72	<19	unk.	---	----

Table C2 - continued

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft.MSL)	Static Level (ft.B.S.)	Static Level (ft.MSL)	Date Measured
118(B10)	MDPW	1949	58	unk.	96	>96	<-38	unk.	---	----
119(B9)	MDPW	1949	119	unk.	10.5	>10.5	<108.5	unk.	---	----
124(W4)	H. O. Howe	1957	120	6	112	18	102	15.0	105.0	09/ /57
125(B1)	MDPW	1955	109	unk.	37	>37	<72	14.0	95.0	06/ /55
126(W435)	Lamont	1969	50	2	90	>90	<-40	6.0	44.0	05/ /69
127(W263)	Johnson Brothers	1958	75	8	364	60	15	unk.	---	----
128(B6)	MDPW	1955	102	2	22	17	85	9.0	93.0	06/ /55
129(W85)	Woburn	1936	47	2	69	>69	<-22	unk.	---	----
130(W5)	Greico Brothers	1973	90	2	28	>28	<62	4.0	86.0	08/ /73
131(B15)	MDPW	1941	37	2	107	>107	<-70	unk.	---	----
132(W416)	Woburn	1951	45	2	20.6	>20.6	<24.4	unk.	---	----
133(W415)	Woburn	1951	45	2	53	>53	<-8	unk.	---	----
136(W414)	Woburn	1951	45	2	40	>40	<5	unk.	---	----
137(W412)	Woburn	1951	50	2	40.6	>40.6	<9.4	unk.	---	----
138(W417)	Woburn	1951	45	2	51	>51	<-6	unk.	---	----
139(W427)	Atlantic Gelatin	1966	45	8	33	28	17	unk.	---	----
140(W413)	Woburn	1951	50	2	34.5	>34.5	<15.5	unk.	---	----
141(W425)	Atlantic Gelatin	1961	55	8	145	138	-83	32.0	23.0	03/ /61
142(W187)	Atlantic Gelatin	1960	55	2	140	>140	-85	15.0	40.0	10/ /60
143(B5)	MDPW	1958	58	2	19	14	44	unk.	---	----
144(B4)	MDPW	1958	54	2	46	41	13	14.0	40.0	01/ /58
145(W4)	Atlantic Gelatin	1941	50	2	26	>26	<24	unk.	---	----
146(B1)	MDPW	1958	77	2	32	25	52	2.0	75.0	01/ /58

Table C2 - continued

Well No. New(Old)	Installed for	Year Installed	WELL PARAMETERS					WATER		
			Ground Elevation (ft. MSL)	Diameter (inches O.D.)	Depth (ft.)	Depth to Bedrock (ft)	Bedrock Elevation (ft. MSL)	Static Level (ft. B.S.)	Static Level (ft. MSL)	Date Measured
147(X3)	unknown	1923	150	unk.	12	>12	<138	unk.	---	----
148(X1)	unknown	1925	145	unk.	38	>38	<107	unk.	---	----
151(B1)	MDPW	1958	100	2	6	1	99	dry	---	/58
152(B13)	MDPW	1934	33	2	14.8	>14.8	<18.2	unk.	---	----
153(W153)	Win.-Wake. Corp.	1967	40	2	97.5	>97.5	<-57.5	15.0	25.0	10/ /67
154(W152)	Win.-Wake. Corp.	1967	35	2	47.5	>47.5	<-12.5	17.0	18.0	08/ /67
155(W154)	Win.-Wake. Corp.	1967	40	2	50	>50	<-10	18.0	22.0	10/ /67
156(W10)	Win. Crushed Stone	unk.	80	6	50	0	80	unk.	---	----
158(X2)	MDPW	1951	32	2	102	>102	<-70	unk.	---	----
159(X1)	MDPW	1951	30	2	107.2	>107.2	<-77.2	unk.	---	----
160(W24)	Berndt Realty	1965	45	18	80	>80	<-35	15.0	30.0	08/ /65
161(B14)	MDPW	1951	37	2	120.6	>120.6	<-83.6	unk.	---	----
162(X3)	MDPW	1951	28	2	102.2	>102.2	<-74.2	10.0	18.0	11/ /51
163(B3)	MDPW	1954	26	2	120	>120	<-94	16.0	10.0	02/ /54
164(B2)	MDPW	1951	18	2	110.5	>110.5	<-92.5	4.0	14.0	10/ /51
166(B2)	MDPW	1958	164	2	48	43	121	unk.	---	----
167(B3)	MDPW	1958	154	2	27.3	22.3	131.7	1.0	153.0	01/ /58
168(E10)	Woburn Nat'l Bank	1979	60	unk.	15	>15	<45	9.0	51.0	/79
169(X4)	Woburn	unk.	55	unk.	21.5	>21.5	<33.5	unk.	---	----
170(W340)	Addison Wesley	1965	130	6	1000	13	117	13.0	117.0	11/ /65
171(B2)	MDPW	1948	157	2	28	>28	<129	unk.	---	----
172(W120)	Reading	1969	110	2	30	>30	<80	4.0	106.0	08/ /69
173(W188)	W. Gauvin	1956	145	unk.	227	3	142	60	167.0	09/ /56
174(E44)	MDC	1981	106.2	2	36.3	7	101.2	10.7	95.5	08/11/81
175(E45)	MDC	1981	122.8	2	54	14	107.8	23.0	99.8	08/14/81
176(GW9)	Olin Chemical	1977	90	2	8	3	87	unk.	---	----

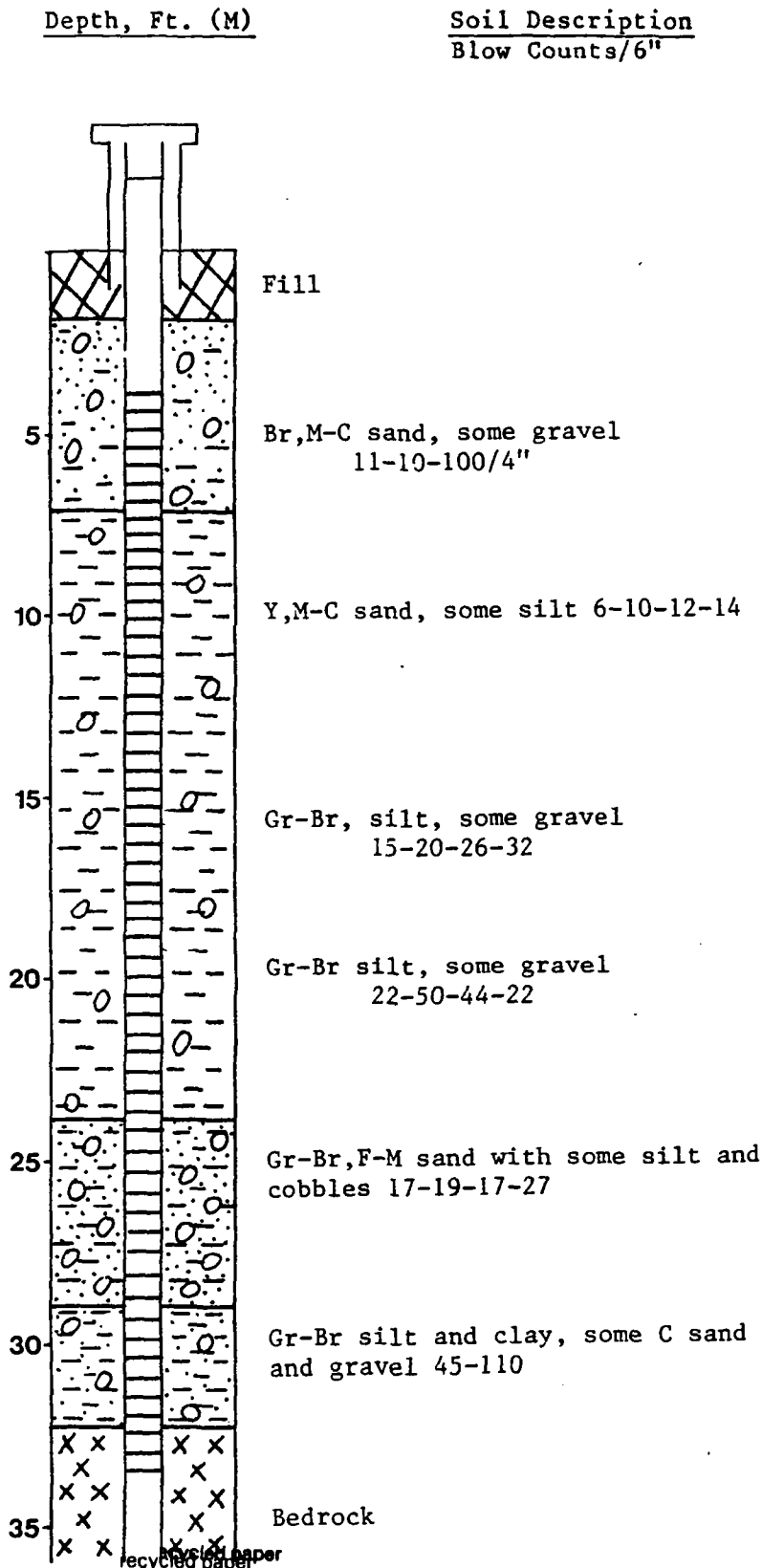
TABLE C-2

KEY

MSL = mean sea level
O.D. = outside diameter
B.S. = below land surface
--- = Data unavailable

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 138
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/21/81
Prepared By M. Hanley



Well No. (W-1) S1
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 75 MSL
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 42.5'
Screen Diam. 1.4" ID
Screen Setting 4'-34'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 2'
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes x No
No. of Samples 5
Type of Samples
Priority Pollutants

Date Sampled 12/1/81
Samplers Fucarile, Porter
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

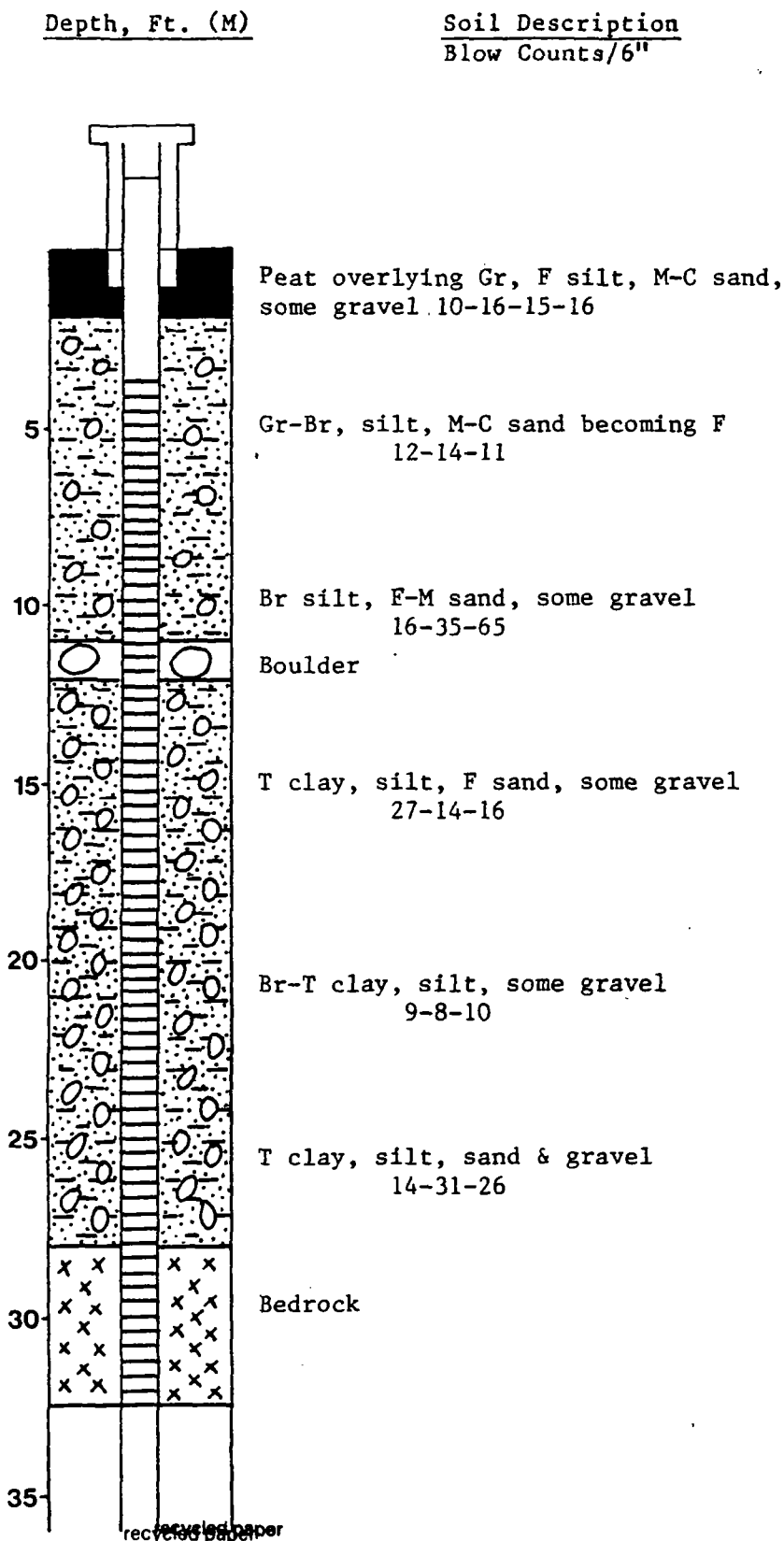
Well Log # 138
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/21/81
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-1) S-1 Location
40	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Bedrock</p> </div> <div style="width: 50%;"> <p>Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted ----- WELL DATA ----- Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured ----- WATER QUALITY ----- Samples Taken Yes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey R-red</p> </div> </div>	
45		
50		
55		
60		
65		
70		
75		

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Woburn, MA 01801

Well Log # 134

Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley



Well No. (W2) S2
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 76' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 6/23/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 32.5'
Screen Diam. 1.4" ID
Screen Setting 4'-32.5'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 3'10"
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes ☒ No
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/1/81
Samplers Fucarile, Porter
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # i33
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W3) S3
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 79 MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/6/81
Type of Rig Truck Mounted

WELL DATA

Well Diam. 1.4" ID
Depth 44'
Screen Diam. 1.4" ID
Screen Setting 4'-44'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 13'7"
Date Measured 10/30/81

WATER QUALITY

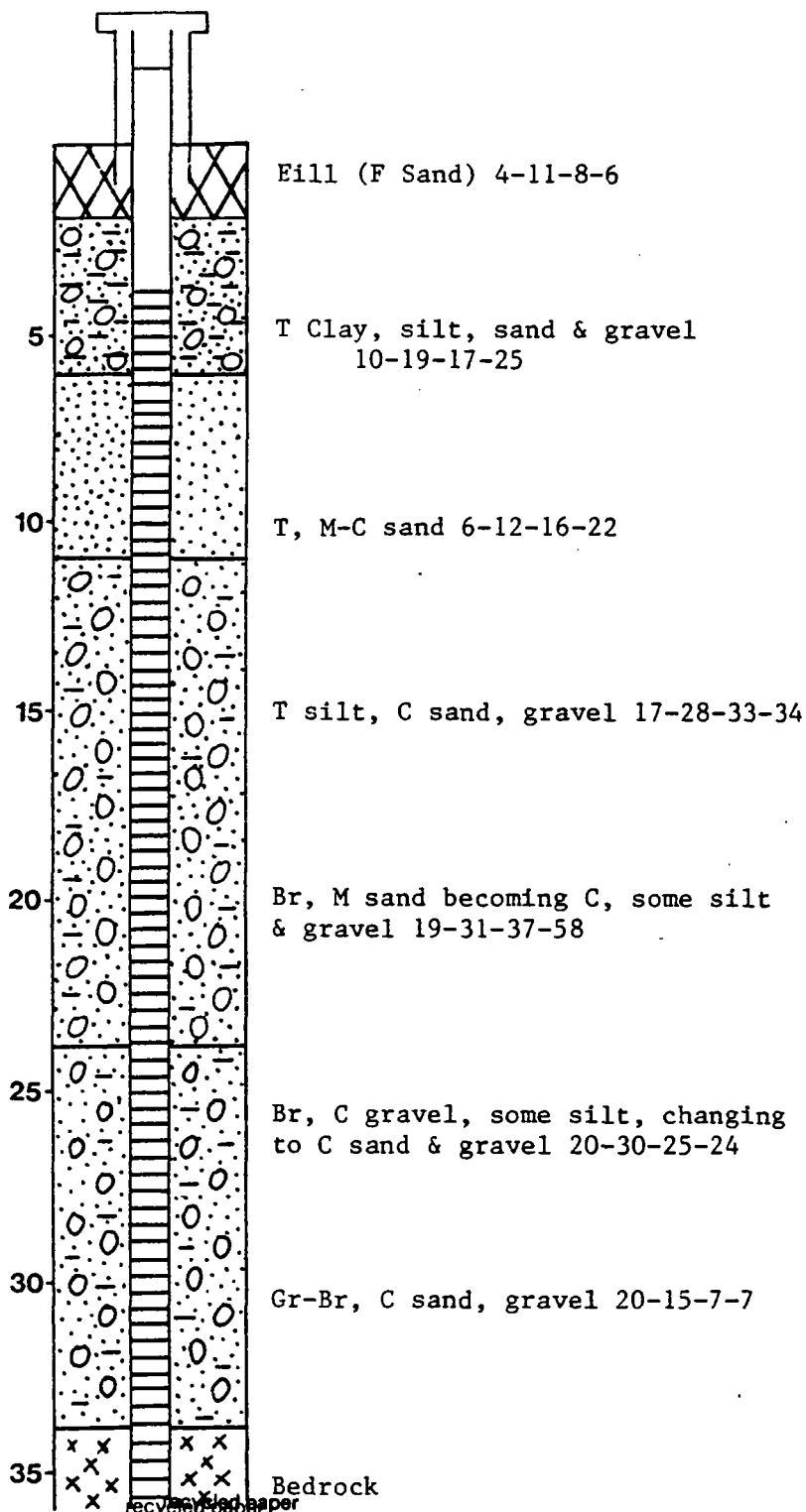
Samples Taken Yes x No
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/1/81
Samplers Fucarile, Porter
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



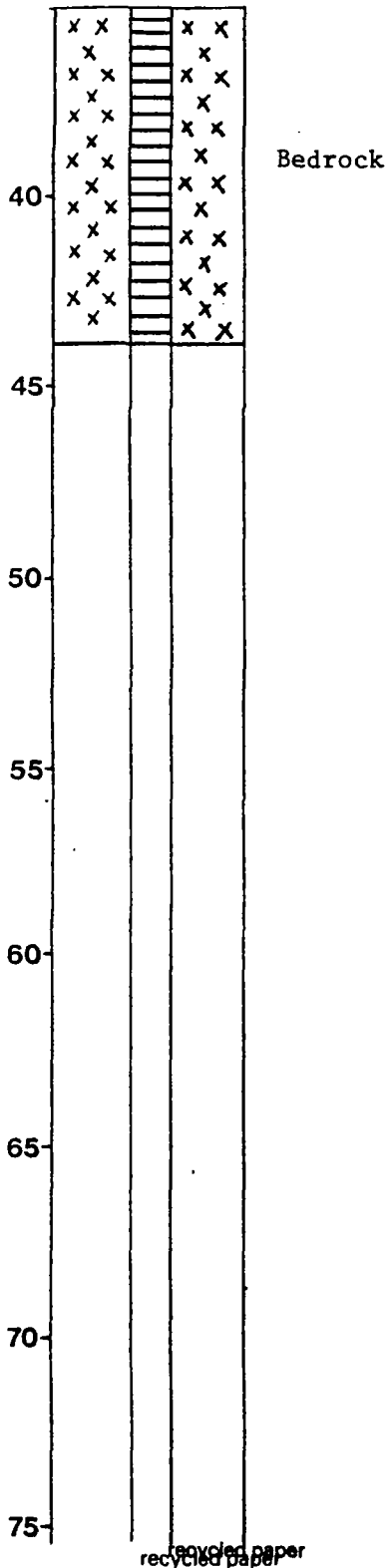
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 133
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-3) S3
Location



Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level
Date Measured
----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

Well Log # 123/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

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30 East Cummings Park
Woburn, MA 01801

Well Log # 123/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-4) S-4

Location

Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

----- WATER QUALITY -----

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

40

Gr. fine sand and silt 4-10-10-10

45

Gr. fine sand and silt, trace of clay
W/R-2-5-7

50

Gr. fine sand and silt, trace of clay
3-6-4-4

55

Gr. fine sand and silt, trace of clay
6-5-4-4

60

Gr. fine sand and silt, 5-6-12-10

65

Gr. fine sand and silt 5-7-6-5

70

G. fine sand and silt, trace of clay
3-5-5-6

75

Gr. fine sand and silt 1/W/H-2-3

recycled paper

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30 East Cummings Park
Woburn, MA 01801

Well Log # 123/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-4) S-4 Location
80	Gr. fine sand, silt, trace of gravel 19-18-15-100/2 1/2"	Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted WELL DATA Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured WATER QUALITY Samples Taken Yes No No. of Samples Type of Samples
85	Bedrock	Date Sampled Samplers Will be Analyzed for
90		REMARKS
95		
100		
105		
110		
115		

recycled paper
recycled paper

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

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Woburn, MA 01801

Well Log # 125/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W5) S5
Location Woburn, MA

Owner U.S. EPA
Ground Elev 54' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/7/81
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth 65.5'
Screen Diam. 1.4" ID
Screen Setting 4'-65.5'
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level 2' 11"
Date Measured 10/30/81
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutant

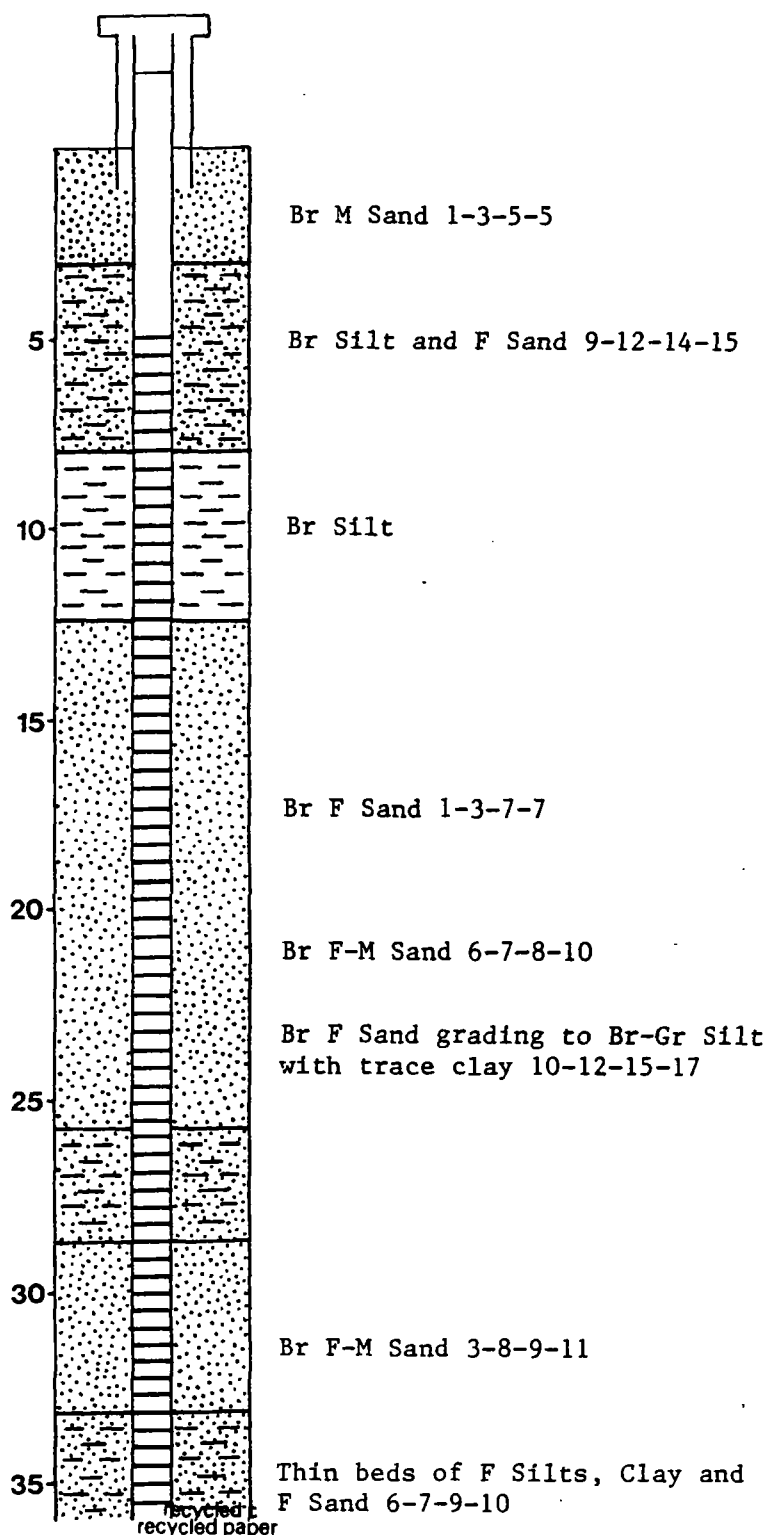
Date Sampled 11/30/81
Samplers Cook, Porter
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



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Woburn, MA 01801

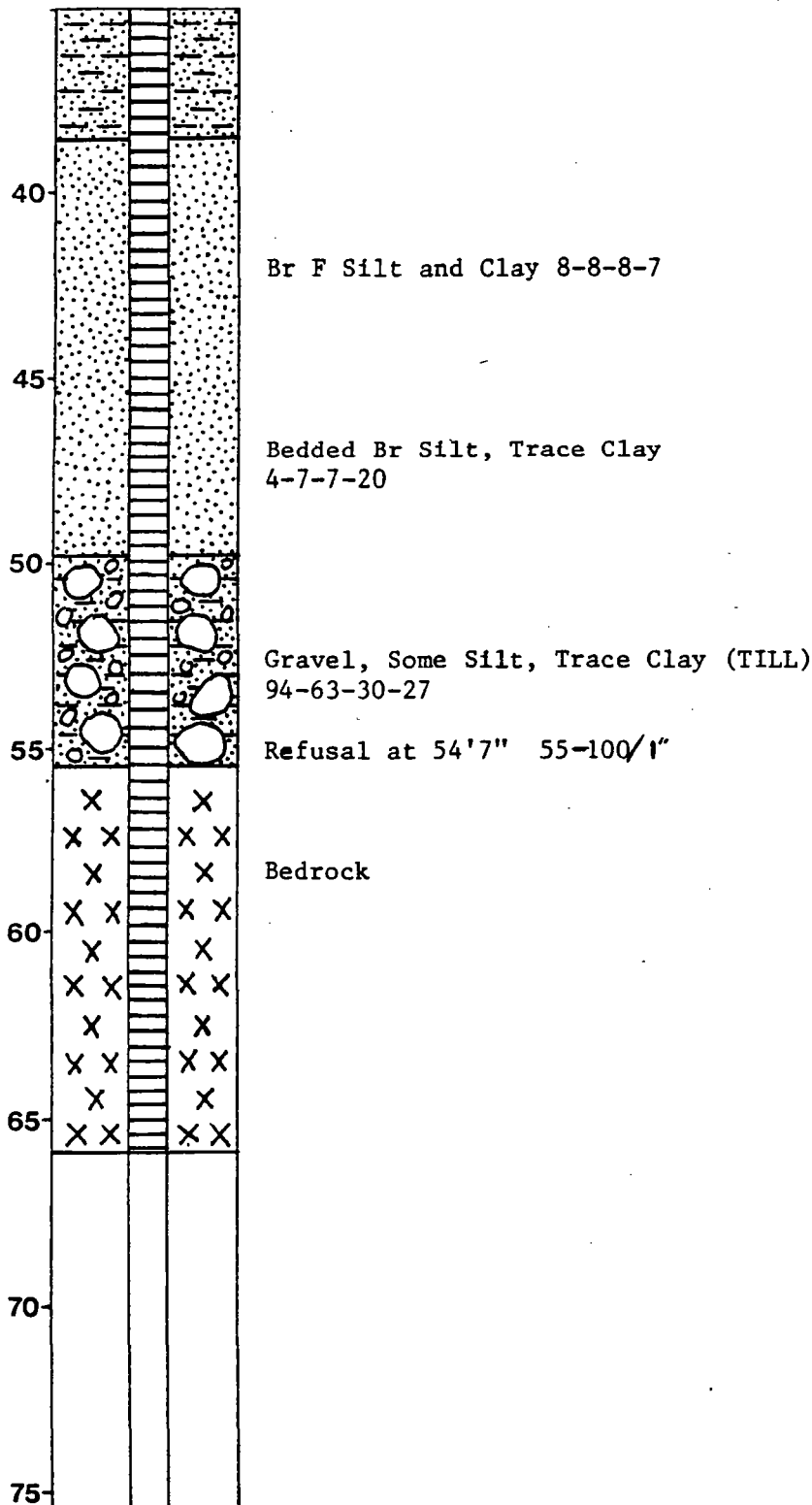
Well Log # 125/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-5) S-5

Location



Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted
WELL DATA
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level
Date Measured
WATER QUALITY
Samples Taken Yes No
No. of Samples
Type of Samples
Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 124/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

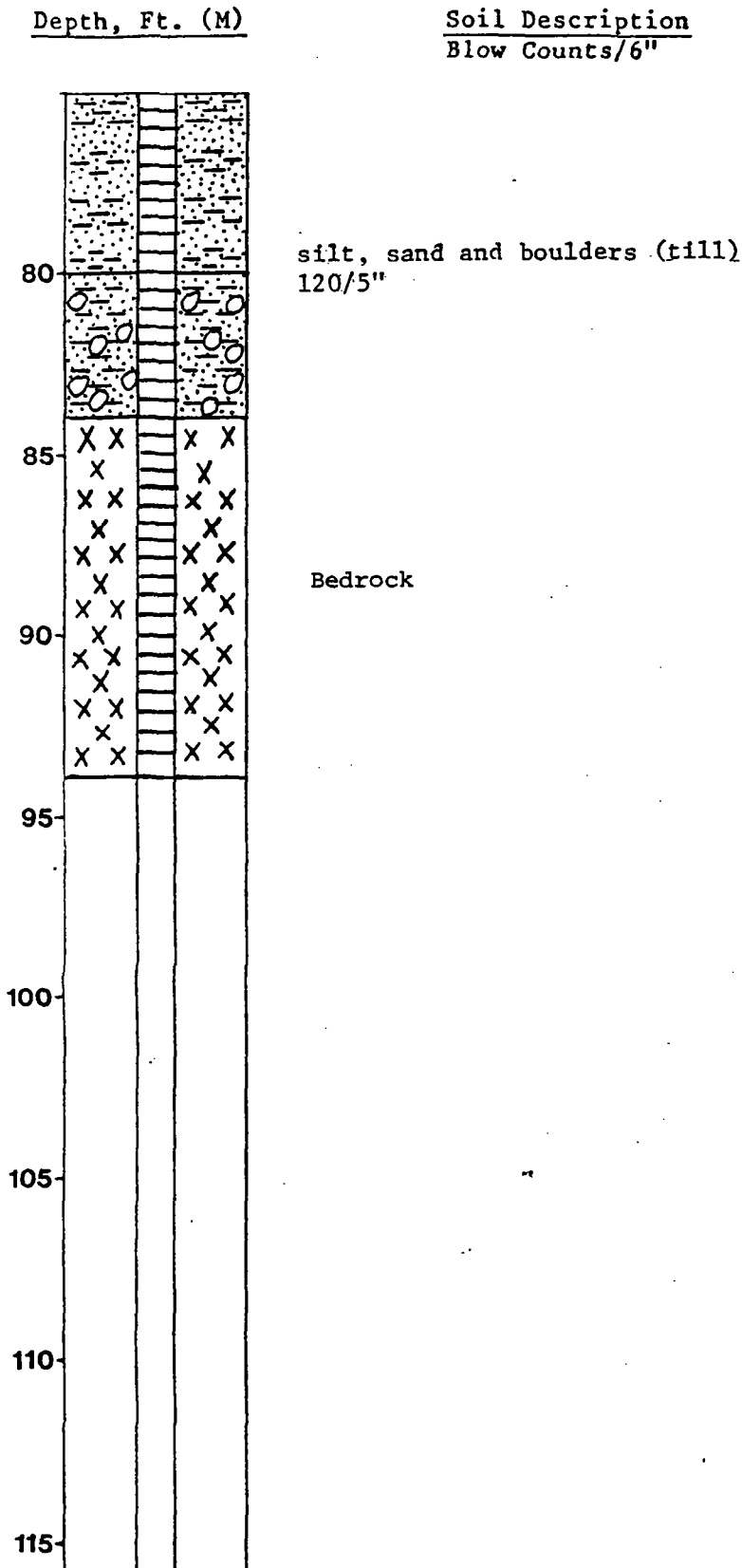
Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-6) S-6 Location
40	T. Gr. clay, silt and sand, gravel (Till) 35-53-46-50	Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted ----- WELL DATA ----- Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured ----- WATER QUALITY ----- Samples Taken Yes No No. of Samples Type of Samples
45	Tr. Gr. clay silt and sand, some gravel and boulders (till) 100/6'	Date Sampled Samplers Will be Analyzed for
50	T. gravel, trace of clay some silt (till) 100/4"	REMARKS
55	Tr. T. clay, silt and sand, some gravel (Till) 52-100/5"	
60	boulder, gravel	
65	Gr. F-M sand and silt with cobbles (Till) 7-37-52-71	
70	Gr. f-m sand and silt with cobbles 13-57-100/4"	
75	T. silt, trace of sand 2" lenses of clay 25-50/100	

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 124/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley



Well No. (W-6) S-6
Location _____

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted
----- WELL DATA -----

Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level _____
Date Measured _____

----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 121
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-7) S-7 Location Woburn, MA
		Owner U.S. EPA Ground Elev. 91' MSL Driller Geo-Metrics, Inc. Drilling Completed 6/24/81 Type of Rig Truck Mounted
		----- WELL DATA ----- Well Diam. 1.4" ID Depth 28' Screen Diam. 1.4" ID Screen Setting 4'-28' Screen Type Schedule 80 PVC 0.01" Slot
		Well Type Monitoring Static Water Level 4'1" Date Measured 10/30/81
		----- WATER QUALITY ----- Samples Taken Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No. of Samples Type of Samples Priority Pollutant
		Date Sampled Samplers Will be Analyzed for
		Sampled for Volatile Organics 11/3/81
		REMARKS
		SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey R-red

recycled paper

Well Log # 120/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

<u>Depth, Ft. (M)</u>	<u>Soil Description</u> <u>Blow Counts/6"</u>	<u>Well No. (W-8) S-8</u> <u>Location Woburn, MA</u>
		<u>Owner U.S. EPA</u>
		<u>Ground Elev. 45' MSL</u>
		<u>Driller Geo-Metrics, Inc.</u>
		<u>Drilling Completed 7/25/81</u>
		<u>Type of Rig Truck Mounted</u>
<u>----- WELL DATA -----</u>		
		<u>Well Diam. 1.4" ID</u>
		<u>Depth 128.5'</u>
		<u>Screen Diam. 1.4" ID</u>
		<u>Screen Setting 4'-128.5'</u>
		<u>Screen Type Schedule 80 PVC</u>
		<u>0.01" Slot</u>
		<u>Well Type Monitoring</u>
		<u>Static Water Level 2'</u>
		<u>Date Measured 10/30/81</u>
<u>----- WATER QUALITY -----</u>		
		<u>Samples Taken Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></u>
		<u>No. of Samples</u>
		<u>Type of Samples Priority</u>
		<u>Pollutants</u>
		<u>Date Sampled 11/30/81</u>
		<u>Samplers Porter and Fucarile</u>
		<u>Will be Analyzed for</u>
		<u>Sampled for Volatile</u>
		<u>Organics 11/3/81</u>
<u>REMARKS</u>		
<u>SOIL DESCRIPTION ABBREVIATIONS</u>		
<u>Trace 0-10% C-Coarse Br-brown</u>		
<u>Some 10-40% M-Medium Bl-black</u>		
<u>And 40-50% F-Fine Y-yellow</u>		
<u>T-tan</u>		
<u>Gr-grey</u>		
<u>R-red</u>		

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-8) S-8 Location
40	C sand and gravel trace of silt 13-10-12-15	Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted ----- WELL DATA ----- Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured ----- WATER QUALITY ----- Samples Taken Yes No No. of Samples Type of Samples
45	C sand and gravel some sand 14-11-11-11	Date Sampled Samplers Will be Analyzed for
50	Br. C sand and gravel some silt 24-26-76-50	
55	Gr. gravel, some sand and silt 17-21-26-36	
60	C Gr sand with trace of silt (few thin layers) grading to fine silt and clay 29-30-36-30	
65	Gr silt, sand and gravel, trace of clay 34-50-66-78	REMARKS
70	T sand and gravel, some silt, trace of clay 141-187	
75	No Recovery wash-med-fine sand 8-25-47-80	

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-8) S-8

Location

Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

WELL DATA

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

WATER QUALITY

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Br-T sand and gravel, trace of clay
25-40-40-40

Br-T C-sand and gravel trace of silt
and clay 10-16-25-25

Br. C-sand and gravel trace of silt
14-15-16-21

no sample recovery 17-28-26-25

T C sand and gravel some silt,
trace of clay 20-47-58-60

Gr. C. sand and gravel some silt,
trace of clay 77-207 for 6"

Gr. C. sand and gravel grading to
fine sand 24-30-33-27

Gr.-T C sand and gravel some silt,
trace of clay 20-23-26-20

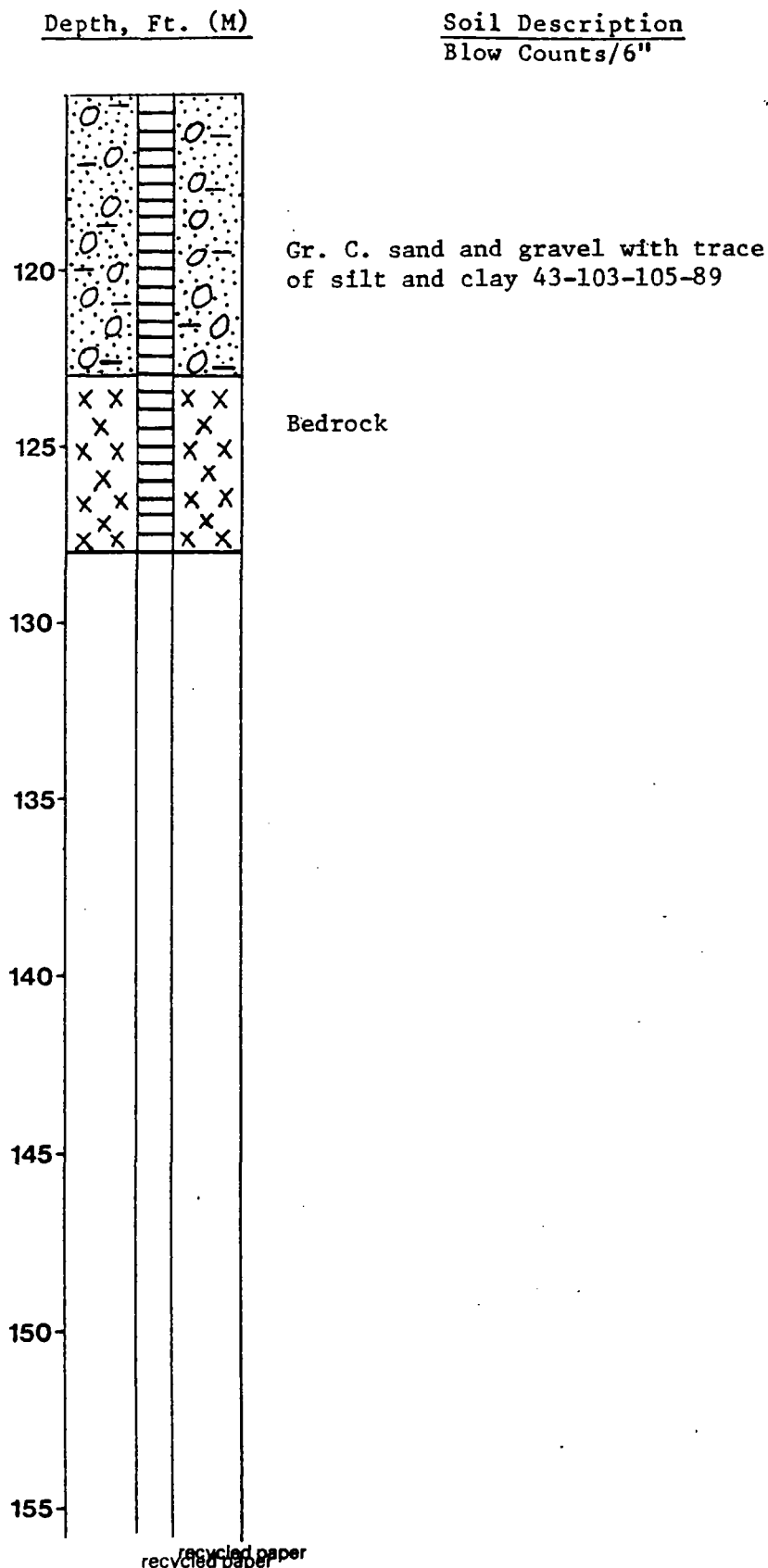
REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 120/4
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley



Well No. (W-8) S-8
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured

----- WATER QUALITY -----

Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

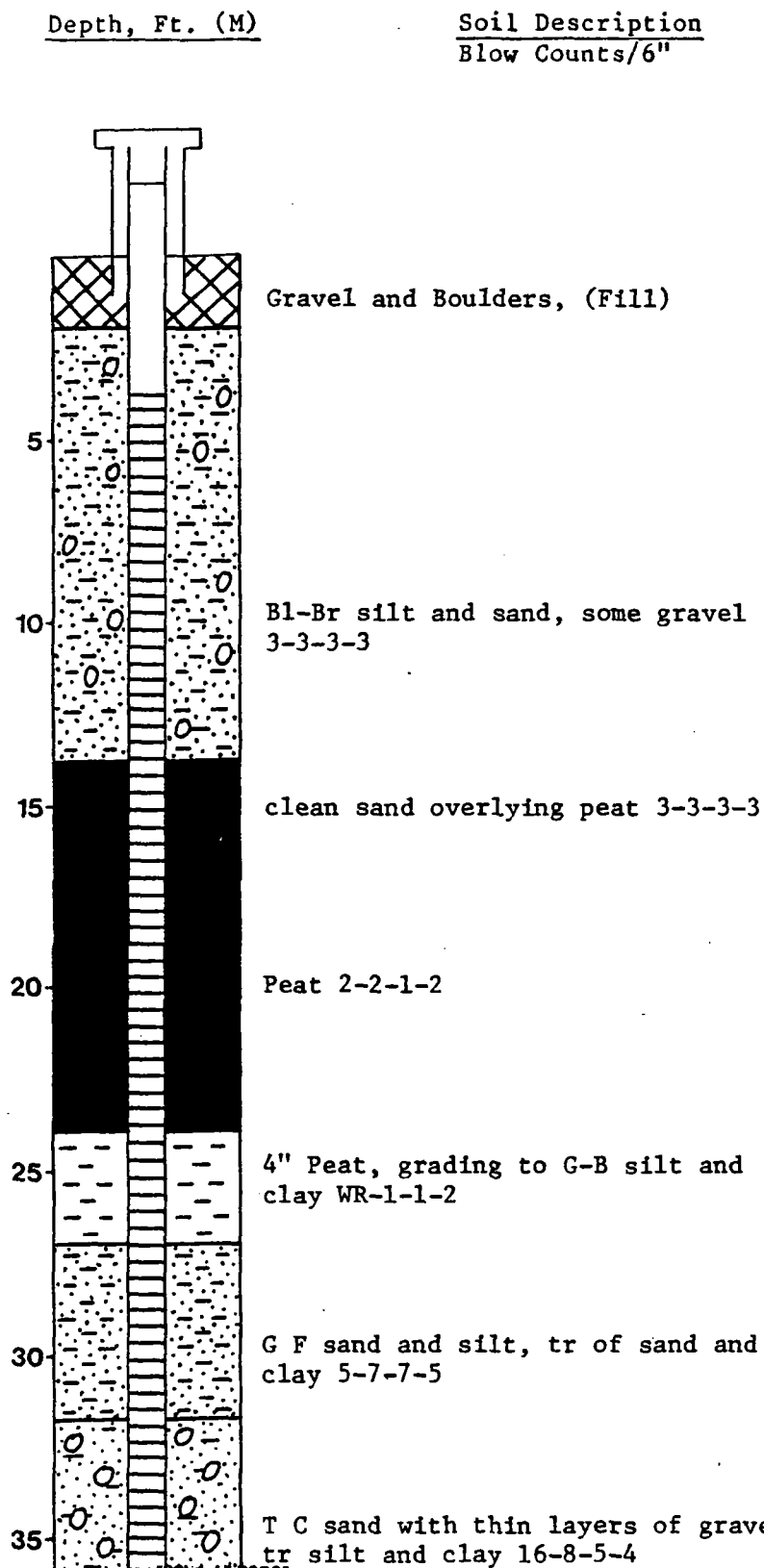
REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 130
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley



Well No. (W-9) S-9
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 43' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/30/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 65'
Screen Diam. 1.4" ID
Screen Setting 4-65'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 1'11"
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/2/81
Samplers Cook, Hanley
Will be Analyzed for

REMARKS

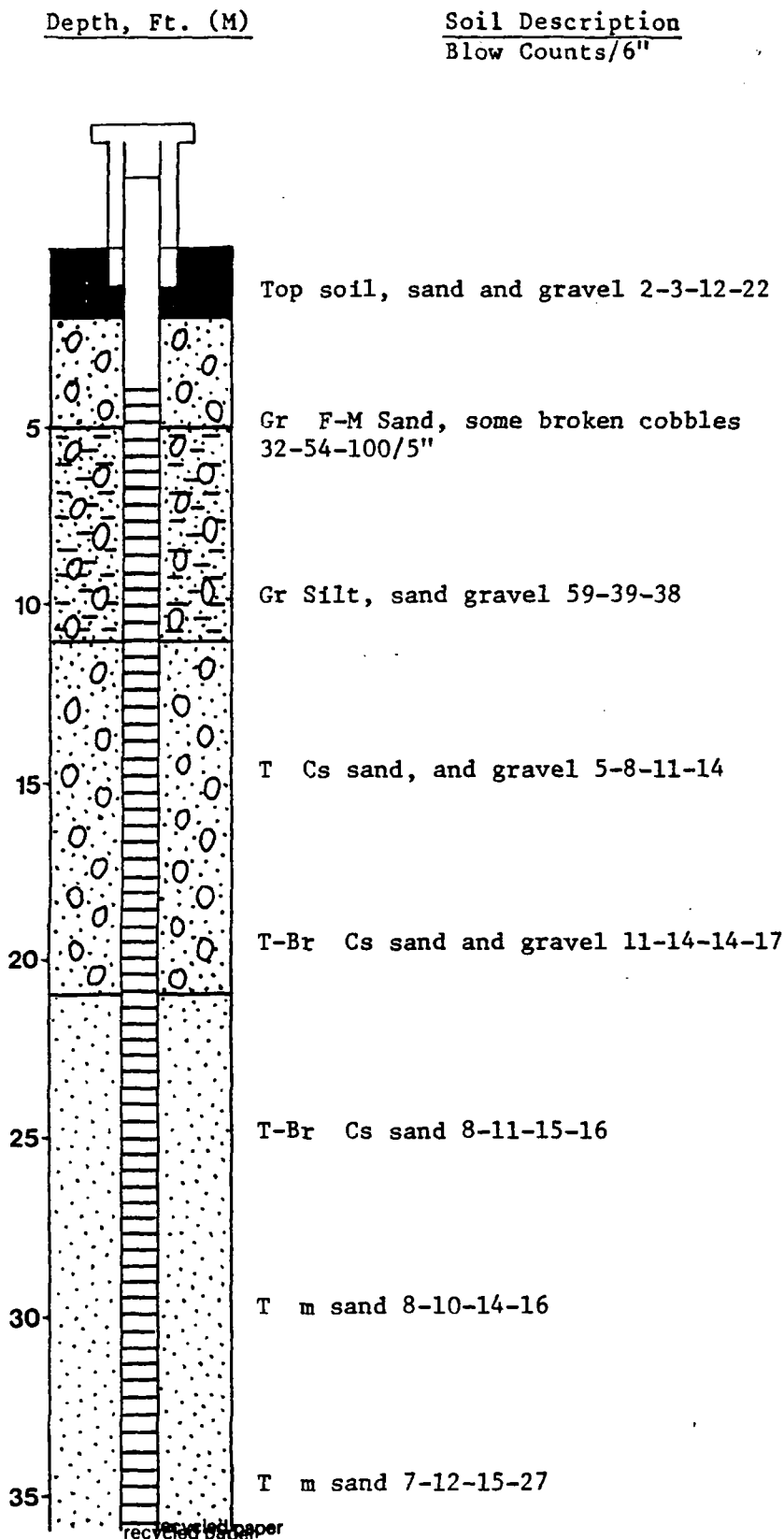
SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

[illegible]

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 131
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley



Well No. (W-10) S-10
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 82.5' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 7/17/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 87'
Screen Diam. 1.4" ID
Screen Setting 4'-87'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 40'5"
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/3/81
Samplers Cook, Palermo
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 131
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-10) S-10

Location _____

Owner U.S. EPA

Ground Elev. _____

Driller Geo-Metrics, Inc.

Drilling Completed _____

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth _____

Screen Diam. 1.4" ID

Screen Setting _____

Screen Type Schedule 80 PVC0.01" SlotWell Type Monitoring

Static Water Level _____

Date Measured _____

----- WATER QUALITY -----

Samples Taken Yes _____ No _____

No. of Samples _____

Type of Samples _____

Date Sampled _____

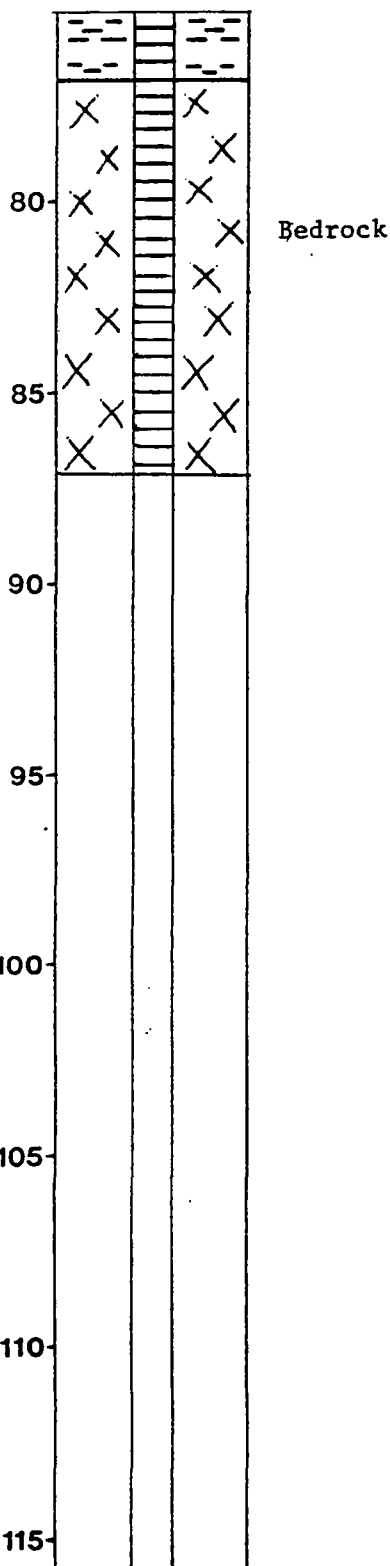
Samplers _____

Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

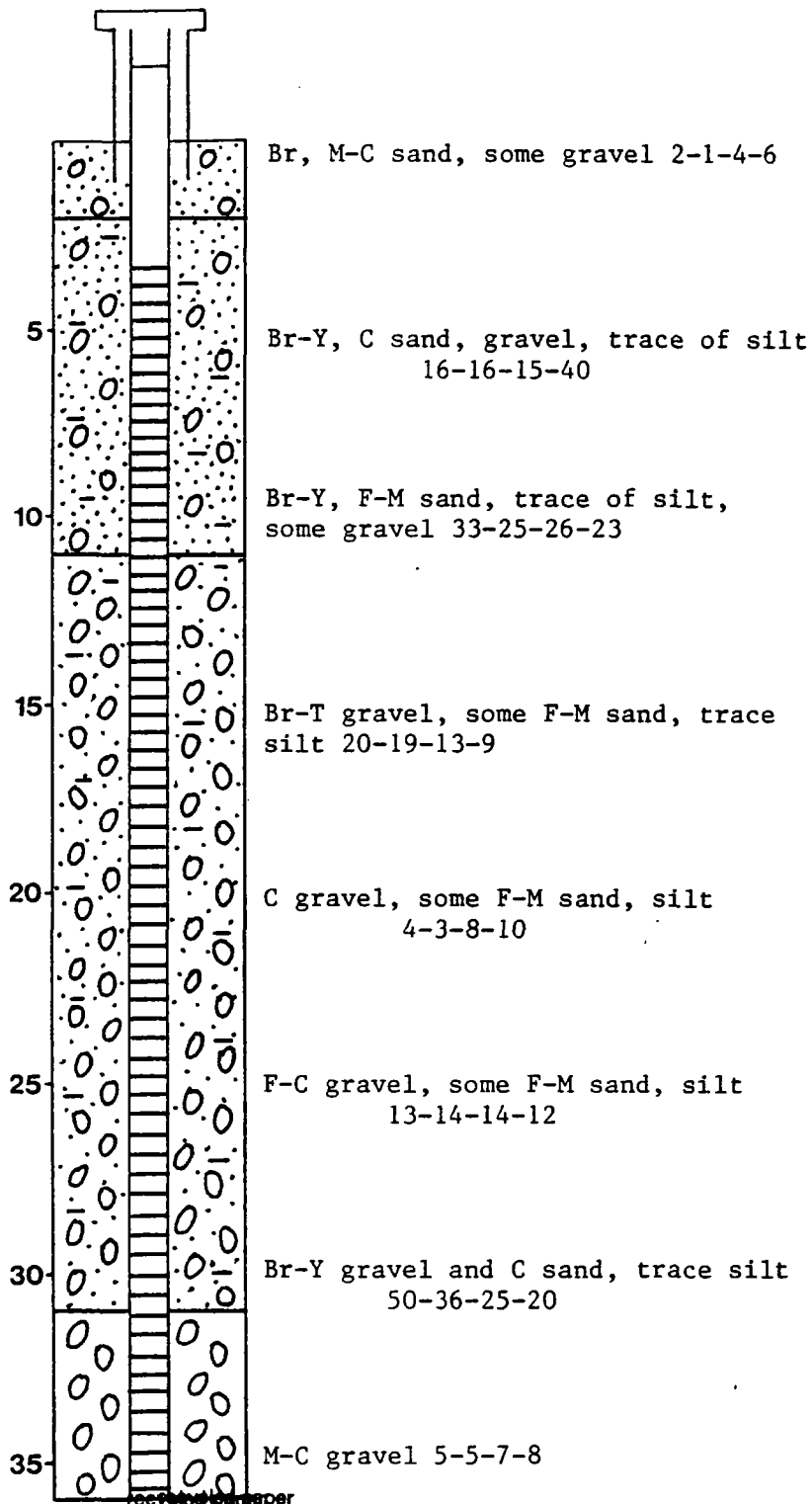
Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 137
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W11) S11
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 43' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 8/4/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 86'
Screen Diam. 1.4" ID
Screen Setting 4'-86'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 2'
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/3/81
Samplers Cook, Palermo
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

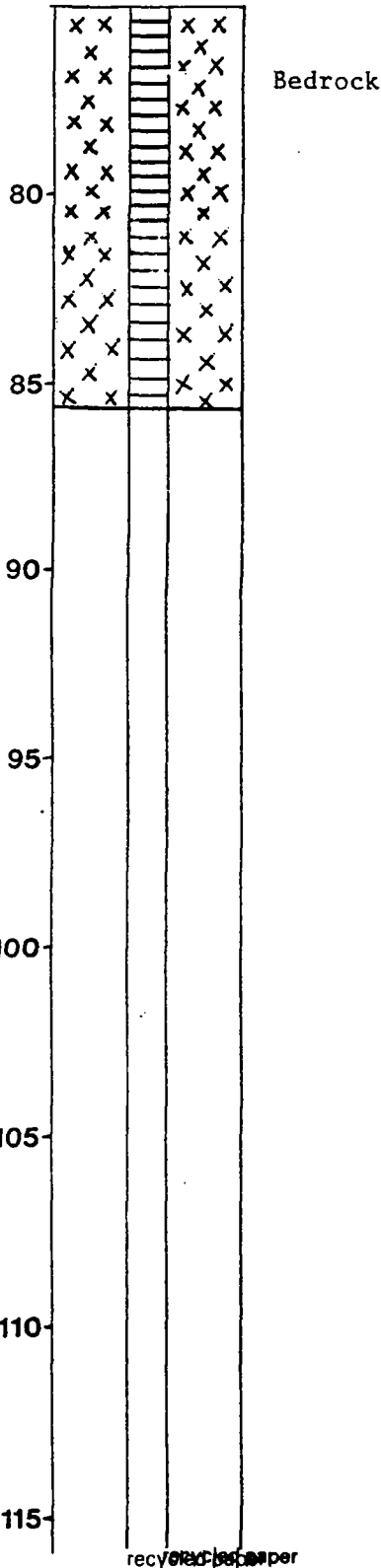
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 137
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (Well) S11

Location _____

Owner U.S. EPA

Ground Elev. _____

Driller Geo-Metrics, Inc.

Drilling Completed _____

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth _____

Screen Diam. 1.4" ID

Screen Setting _____

Screen Type Schedule 80 PVC0.01" SlotWell Type Monitoring

Static Water Level _____

Date Measured _____

----- WATER QUALITY -----

Samples Taken Yes _____ No _____

No. of Samples _____

Type of Samples _____

Date Sampled _____

Samplers _____

Will be Analyzed for _____

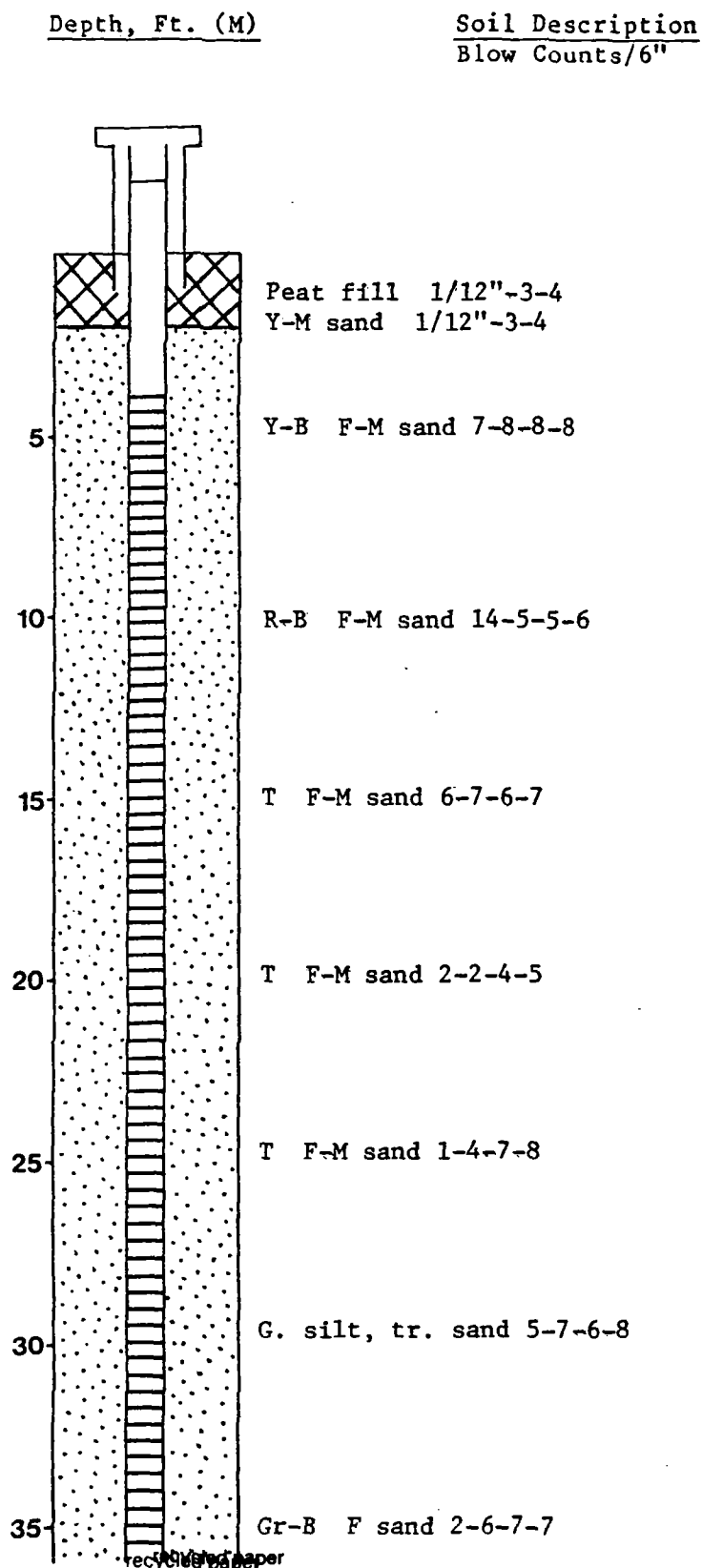
REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 132
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley



Well No. (W-12) S-12
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 41' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 8/14/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 59.5'
Screen Diam. 1.4" ID
Screen Setting 4'-59.5'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 2'11"
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes ☒ No
No. of Samples 5
Type of Samples
Priority Pollutant

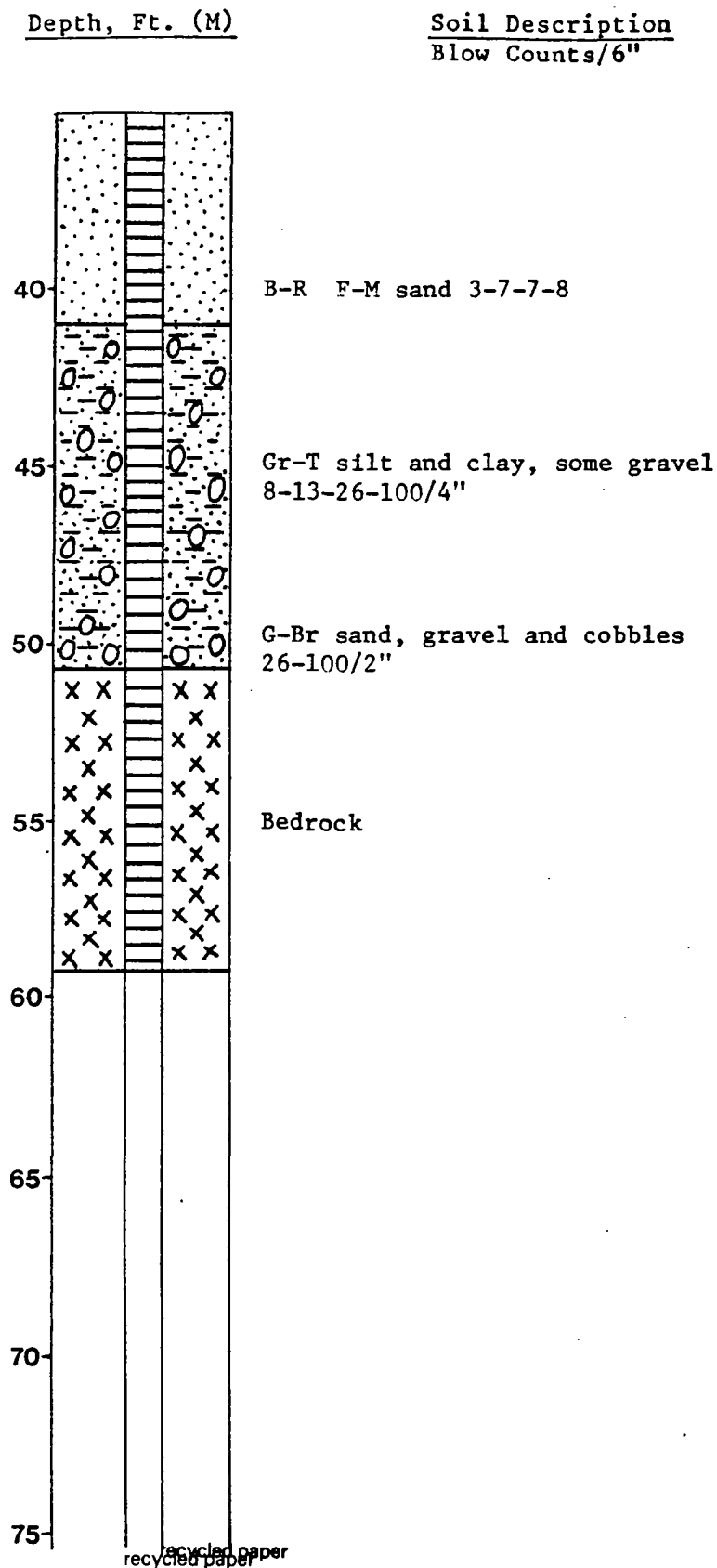
Date Sampled 12/3/81
Samplers Hanley, Cook
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 132
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley



Well No. (W-12) S-12
Location _____

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level _____
Date Measured _____

----- WATER QUALITY -----
Samples Taken Yes _____ No _____
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

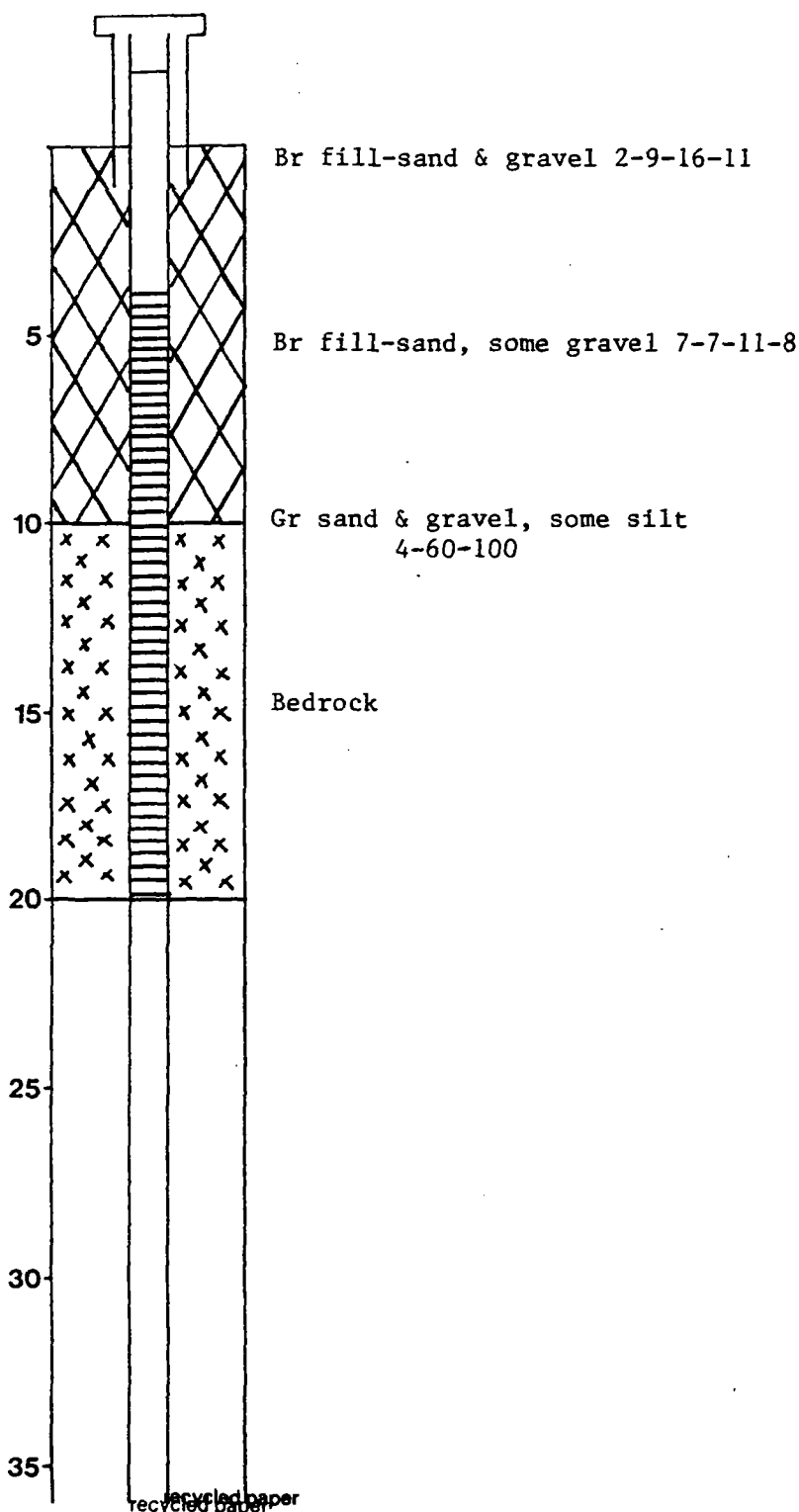
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 135
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-13) S-13
Location Stoneham, MA



Owner U.S. EPA
Ground Elev. 79' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 6/25/81
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth 20'
Screen Diam. 1.4" ID
Screen Setting 4'-20'
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level 8'11"
Date Measured 10/26/81
----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/1/81
Samplers Fucarile, Porter
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ecology and environment, inc.

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 136
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W14) S14
Location Stoneham, MA

Owner U.S. EPA
Ground Elev. 48' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/18/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 64'5"
Screen Diam. 1.4" ID
Screen Setting 4'-64'5"
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 8'11"
Date Measured 10/26/81

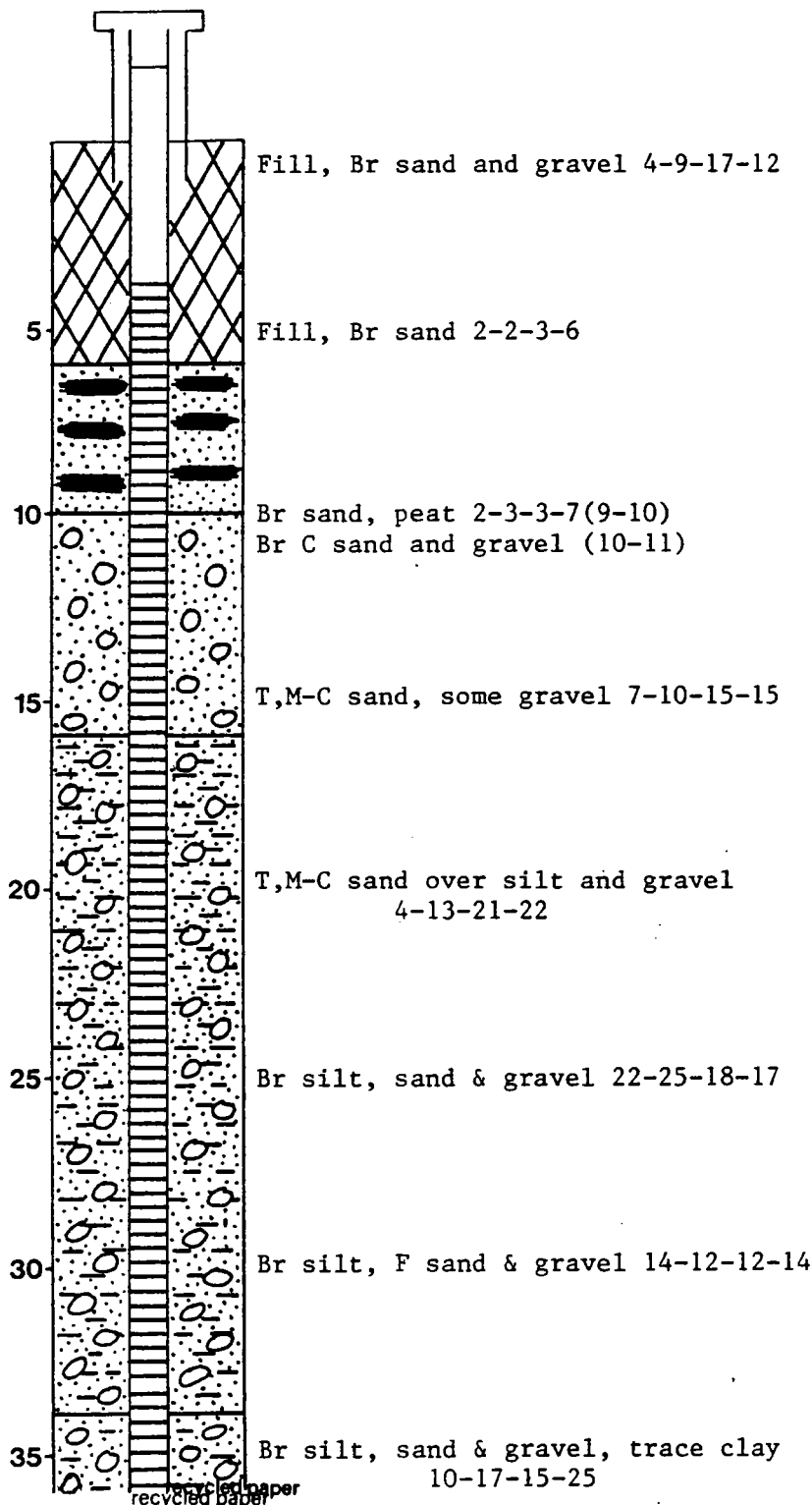
----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 12/1/81
Samplers Fucarile, Porter
Will be Analyzed for

REMARKS

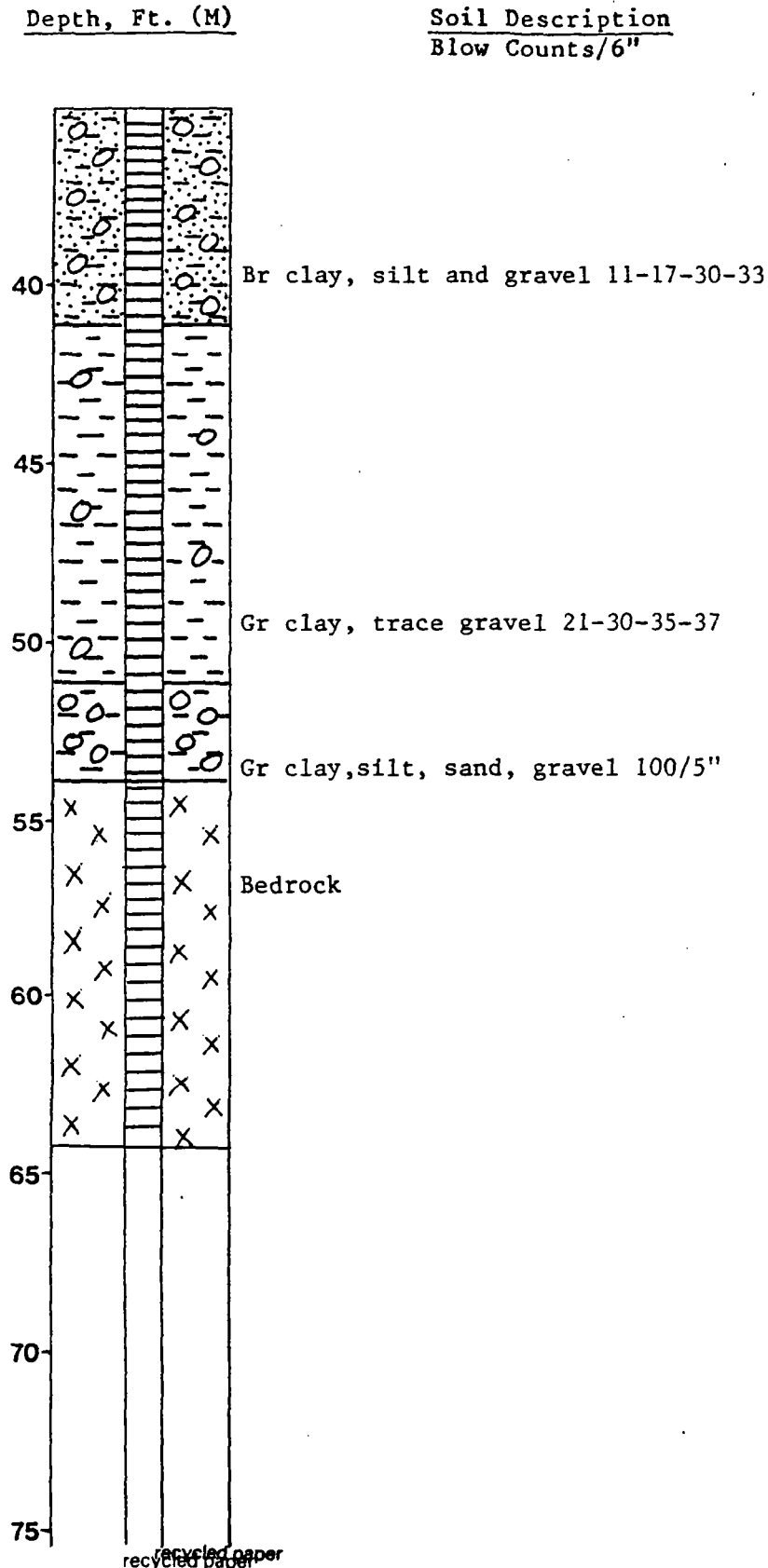
SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 136
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/15/81
Prepared By M. Hanley



Well No. (W14) S14
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted
WELL DATA

Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured

WATER QUALITY
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

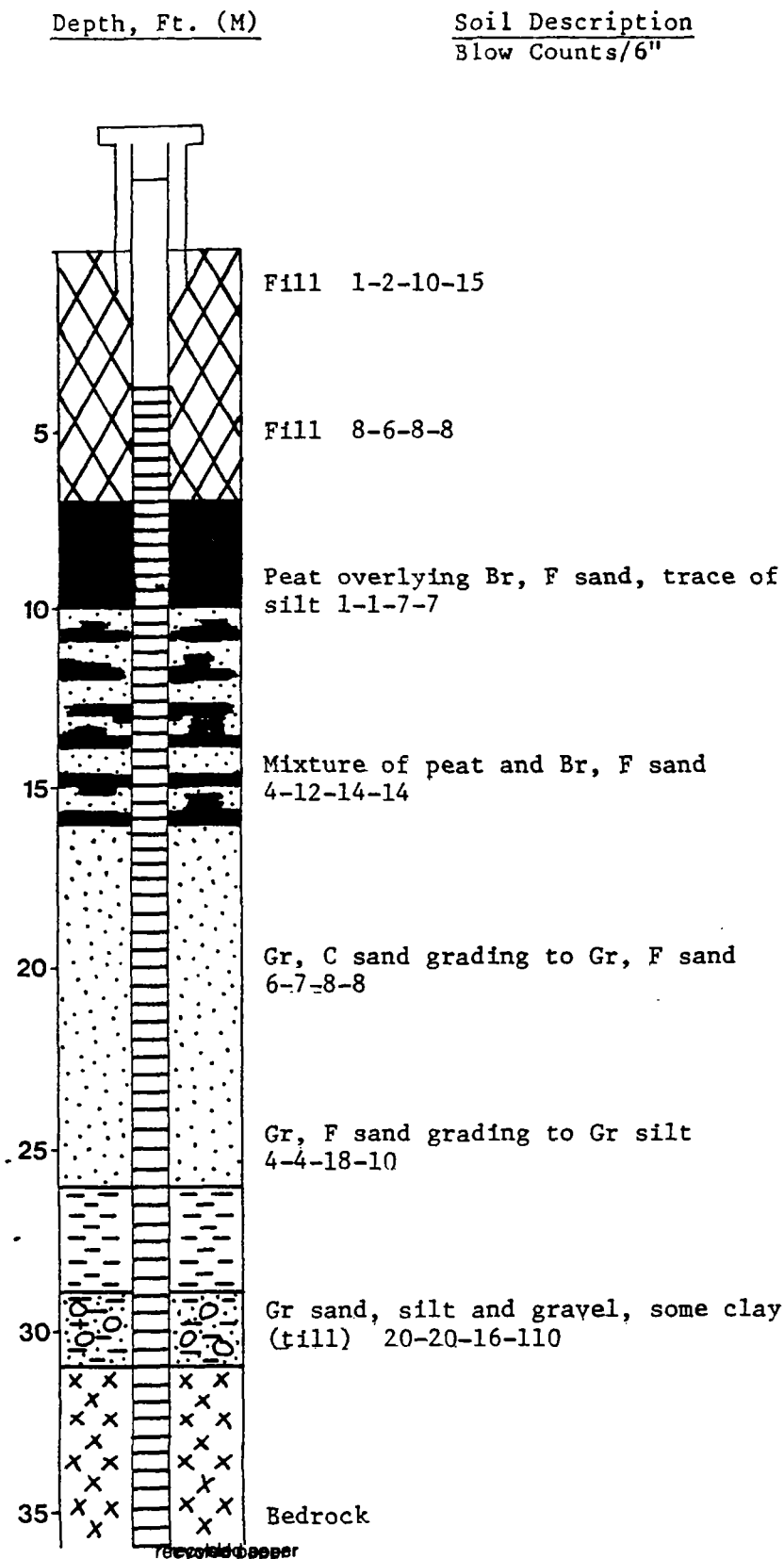
REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 139
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/29/81
Prepared By M. Hanley



Well No. (W 15) S15
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 39' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/17/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 41'
Screen Diam. 1.4" ID
Screen Setting 4' - 41'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 7' 4"
Date Measured 10/30/81

WATER QUALITY
Samples Taken Yes ☒ No ☐
No. of Samples 5
Type of Samples Priority Pollutant

Date Sampled 12/1/81
Samplers Porter and Fucarile
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

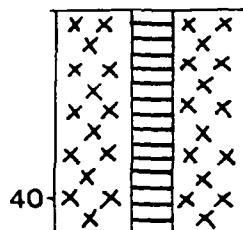
Well Log # 139
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W 15) S 15

Location



Bedrock

Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

WELL DATA

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

WATER QUALITY

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 140
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/29/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W 16) S 16

Location Woburn, MA

Owner U.S. EPA

Ground Elev. 37' MSL

Driller Geo-Metrics, Inc.

Drilling Completed 9/22/81

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth 84'

Screen Diam. 1.4" ID

Screen Setting 4' - 84'

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level 6' 7"

Date Measured 10/26/81

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐

No. of Samples 5

Type of Samples Priority Pollutant

Date Sampled 12/2/81

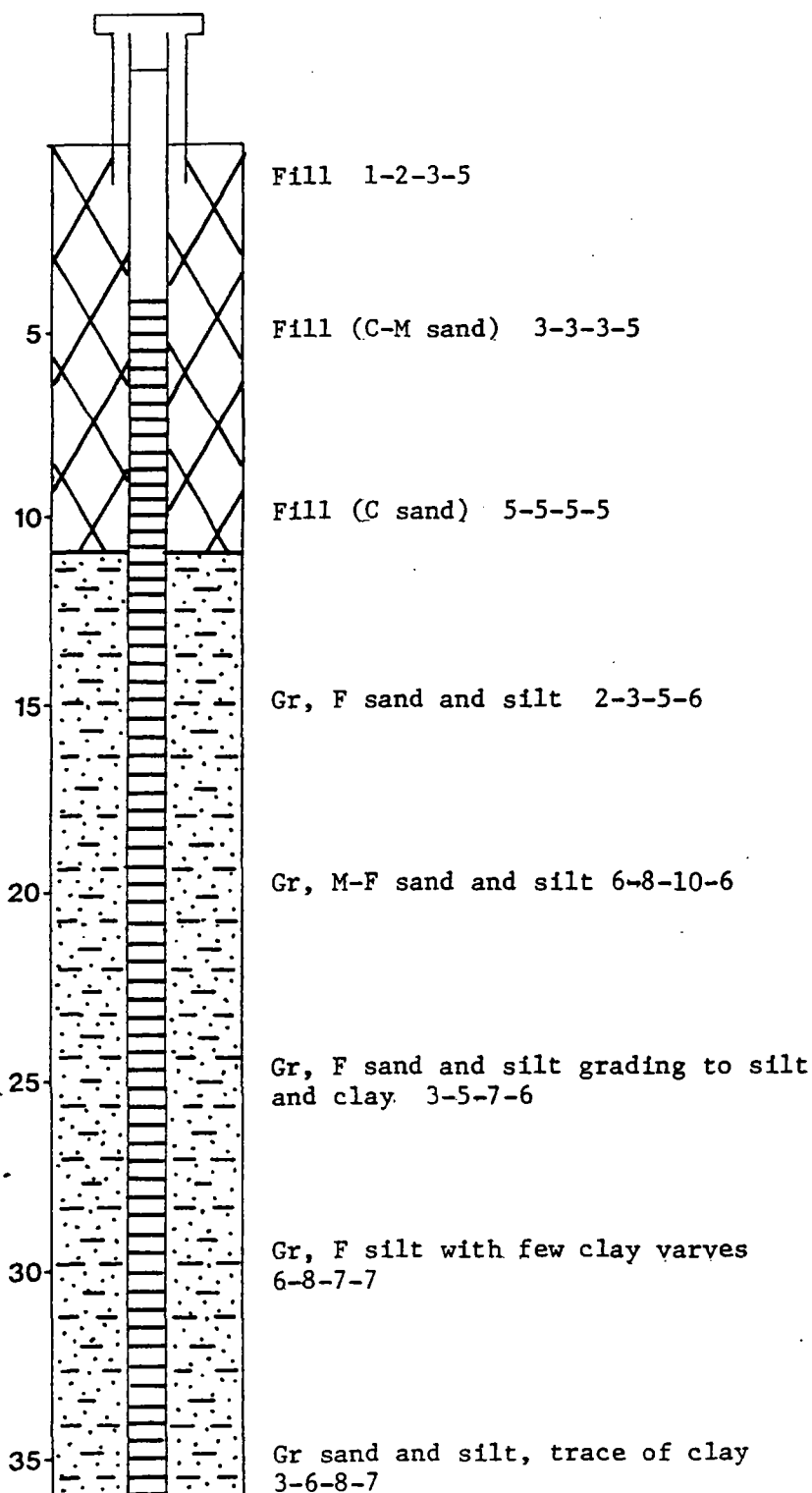
Samplers Porter and Fucarile

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



recycled paper

ecology and environment, inc.

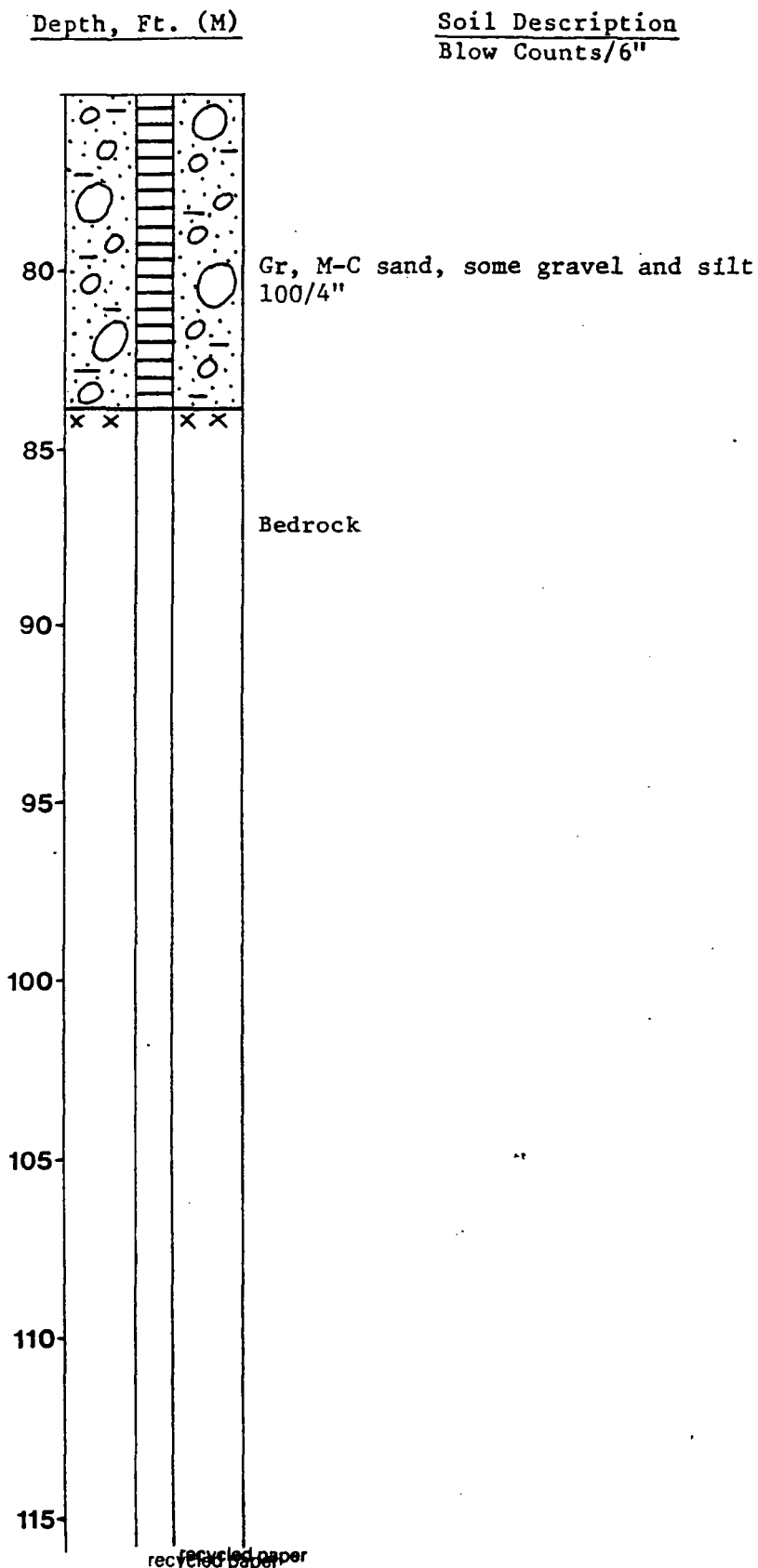
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 140
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W 16) S 16 Location
40	Gr sandy silt, trace of clay 5-5-5-9	Owner U.S. EPA Ground Elev. Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted WELL DATA Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured WATER QUALITY Samples Taken Yes No No. of Samples Type of Samples
45	Gr sand, silt and clay 6-10-8-8	Date Sampled Samplers Will be Analyzed for
50	Gr, F-M sand, some silt 8-9-14-16	REMARKS
55	Gr, F sand and silt 6-8-5-5	SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey R-red
60	Gr sand silt grading to M-C sand with silt and clay 7-8-41-10	
65	Gravel, boulders	
70	Gr, M-C sand, silt, gravel 44-44-40'-50/3"	
75	Gr, M-C sand, gravel, cobbles 100/2"	

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 140
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley



Well No. (W 16)
Location _____

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

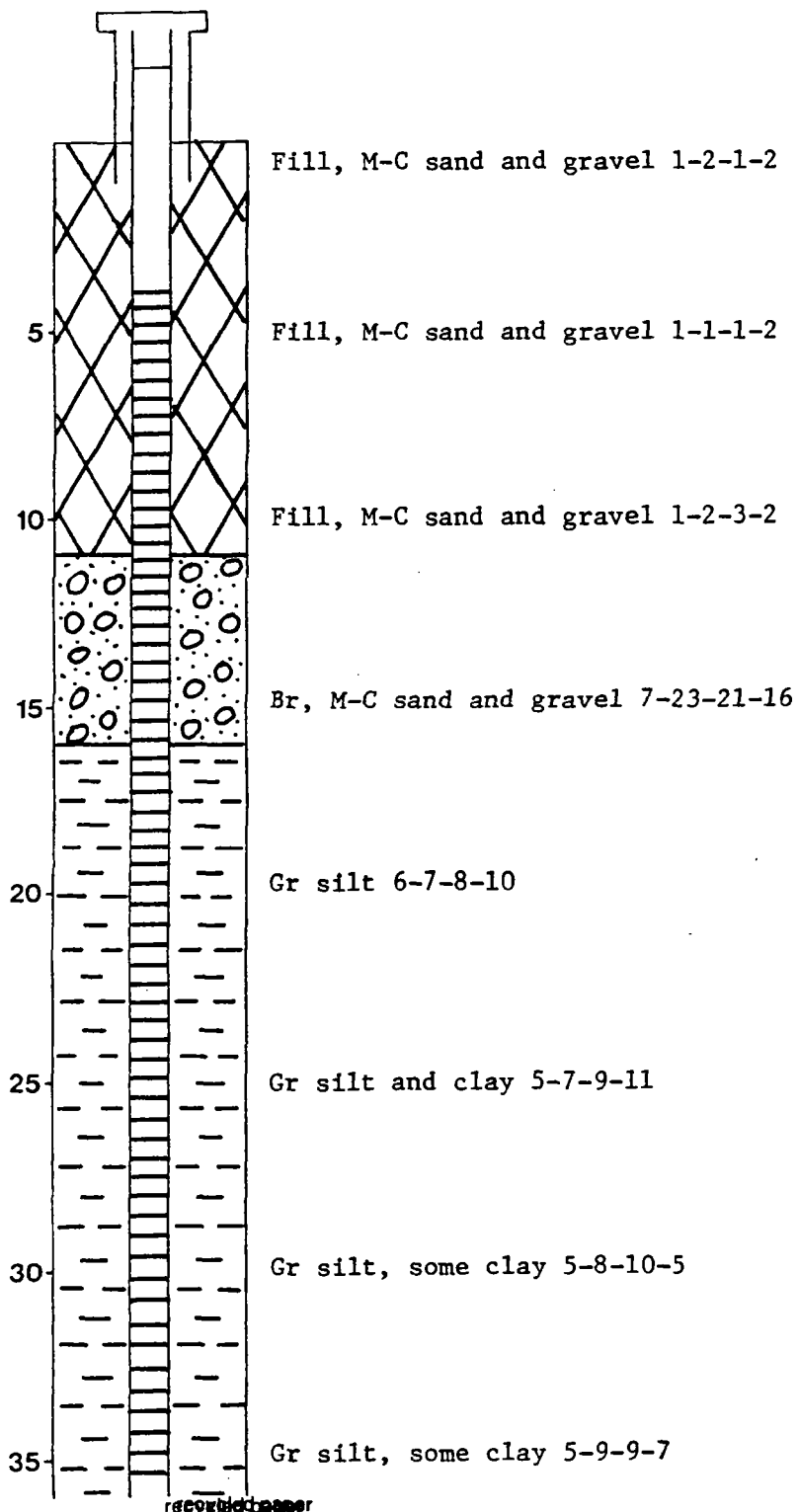
SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 142
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/6/82
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W-17) S-17
Location Winchester, MA

Owner U.S. EPA
Ground Elev. 40' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 8/20/81
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth 117'
Screen Diam. 1.4" ID
Screen Setting 4' - 117'
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level 25' 8"
Date Measured 10/30/81
----- WATER QUALITY -----
Samples Taken Yes X No
No. of Samples 5
Type of Samples Priority Pollutant

Date Sampled 12/3/81
Samplers Cook and Hanley
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
 T-tan
 Gr-grey
 R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 142
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-17) S-17 Location
40	Gr silt, some clay 7-8-10-9	Owner <u>U.S. EPA</u> Ground Elev. _____ Driller <u>Geo-Metrics, Inc.</u> Drilling Completed _____ Type of Rig <u>Truck Mounted</u> ----- WELL DATA ----- Well Diam. <u>1.4" ID</u> Depth _____ Screen Diam. <u>1.4" ID</u> Screen Setting _____ Screen Type <u>Schedule 80 PVC</u> <u>0.01" Slot</u> Well Type <u>Monitoring</u> Static Water Level _____ Date Measured _____ ----- WATER QUALITY ----- Samples Taken <u>Yes</u> <u>No</u> No. of Samples _____ Type of Samples _____
45	Gr silt and clay 9-14-15-4	Date Sampled _____ Samplers _____ Will be Analyzed for _____
50	Br, C sand and gravel 29-22-21-20	REMARKS
55	Gr-Br, C sand and gravel 10-20-23-16	
60	Gr-Br, C sand and gravel 25-17-16-14	
65	Gr-Br gravel 18-35-24-25	
70	Gr-Br gravel, some silt 41-40-18-21	
75	Br clean gravel overlying silt and gravel 40-60-40-20	

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 142
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-17) S-17

Location

Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

WELL DATA

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

WATER QUALITY

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

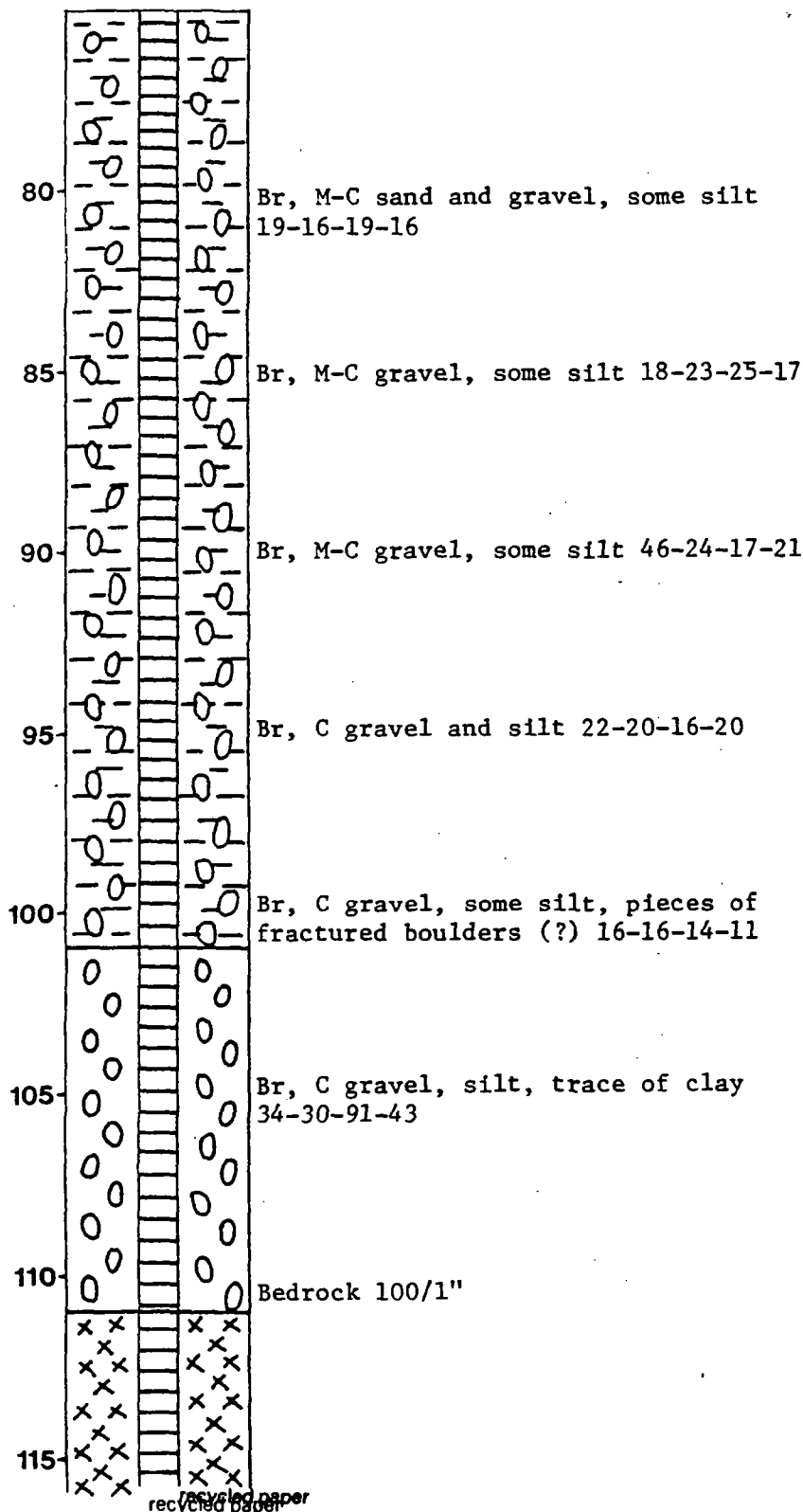
Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



SOIL DESCRIPTION ABBREVIATIONS		
Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 141
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/6/82
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W-18) S-18
Location Winchester, MA

Owner U.S. EPA
Ground Elev. 27' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/10/81
Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID
Depth 161'
Screen Diam. 1.4" ID
Screen Setting 4'-155'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 3'
Date Measured 10/30/81

----- WATER QUALITY -----

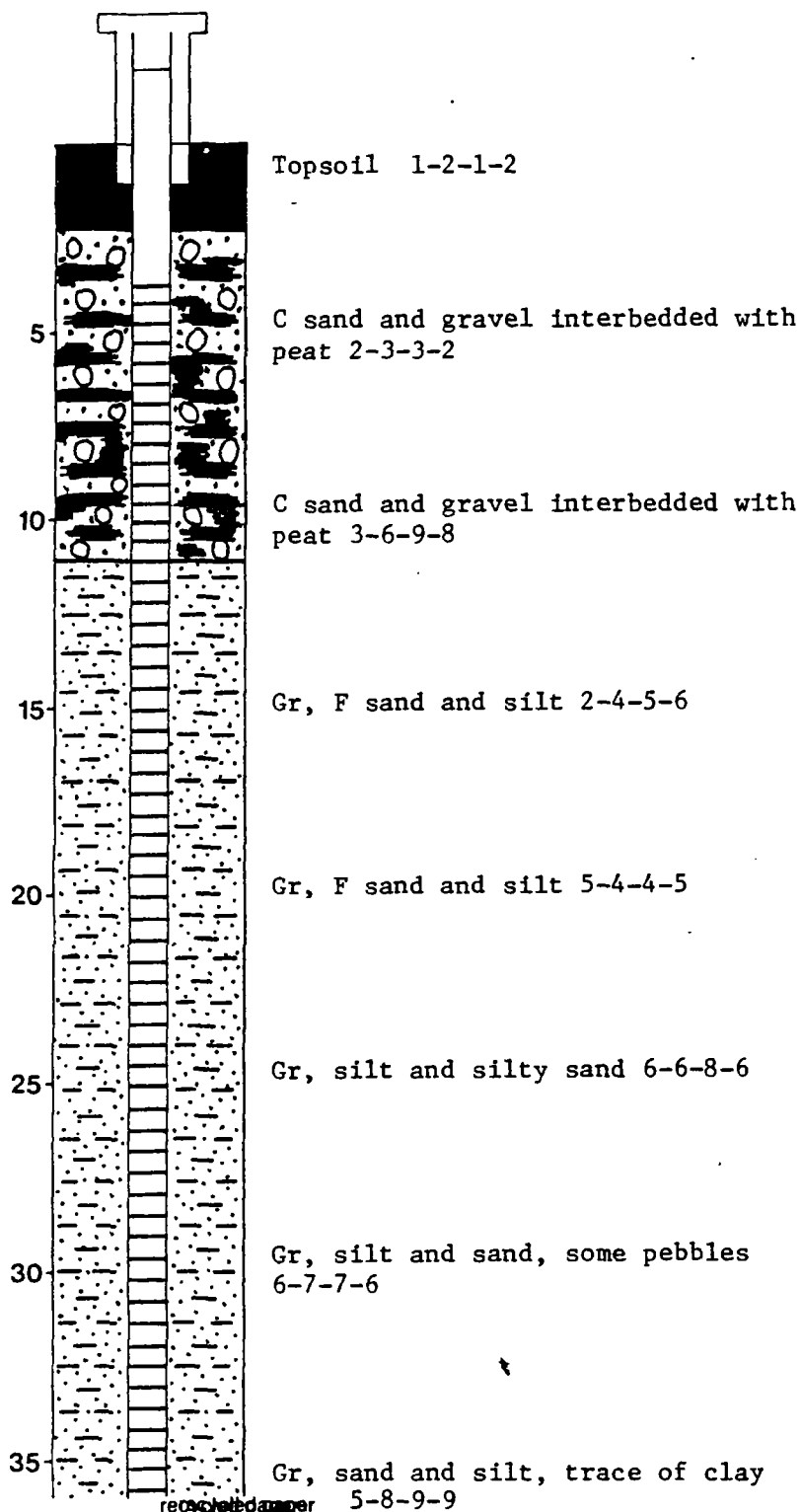
Samples Taken Yes x No
No. of Samples 5
Type of Samples Priority Pollutant

Date Sampled 12/1/81
Samplers Porter and Fucarile
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 141
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. _____
Location (W-18) S 18

40	Gr, F sand and silt 7-8-7-8
45	Gr, F sand and silt 10-11-12-17
50	Gr, F sand and silt 6-6-6-5
55	Gr, F sand and silt, trace of clay 10-7-8-10
60	Gr, F sand and silt 5-6-6-5
65	Gr silt 6-9-11-15
70	Gr silt with varves of clay 6-9-11-15
75	Gr silt, trace of clay 9-9-6-9

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth _____

Screen Diam. 1.4" ID

Screen Setting _____

Screen Type Schedule 80 PVC0.01" SlotWell Type Monitoring

Static Water Level _____

Date Measured _____

----- WATER QUALITY -----

Samples Taken Yes _____ No _____

No. of Samples _____

Type of Samples _____

Date Sampled _____

Samplers _____

Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 141
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W-18) S-18 Location
80	Gr, F sand and silt 8-8-8-18	Owner <u>U.S. EPA</u> Ground Elev. _____ Driller <u>Geo-Metrics, Inc.</u> Drilling Completed _____ Type of Rig <u>Truck Mounted</u> ----- <u>WELL DATA</u> ----- Well Diam. <u>1.4" ID</u> Depth _____ Screen Diam. <u>1.4" ID</u> Screen Setting _____ Screen Type <u>Schedule 80 PVC</u> <u>0.01" Slot</u> Well Type <u>Monitoring</u> Static Water Level _____ Date Measured _____ ----- <u>WATER QUALITY</u> ----- Samples Taken Yes <u> </u> No <u> </u> No. of Samples _____ Type of Samples _____
85	Gr, F sand and silt 8-10-13-17	Date Sampled _____ Samplers _____ Will be Analyzed for _____
90	Gr, F-M sand overlying Gr, F sand with some silt 16-18-24-35	
95	Gr, M-C sand with some F sand and silt overlying Br, F sand and silt 7-13-23-30	
100	Gr-Br, F-M sand grading to C sand and boulders 36-30-70-62	
105	Br, M-C sand and gravel with trace of silt 25-23-24-26	
110	Br, C sand and gravel, trace of silt 14-34-40-37	
115	Br, C sand and gravel, trace of silt 47-30-32-30	
REMARKS		
SOIL DESCRIPTION ABBREVIATIONS		
Trace 0-10% C-Coarse Br-brown		
Some 10-40% M-Medium Bl-black		
And 40-50% F-Fine Y-yellow		
T-tan		
Gr-grey		
R-red		

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 143
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/8/82
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-19) S-19

Location Woburn, MA

Owner U.S. EPA

Ground Elev. 65' MSL

Driller Geo-Metrics, Inc.

Drilling Completed 9/15/81

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth 54'

Screen Diam. 1.4" ID

Screen Setting 4' - 54'

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level 13.2'

Date Measured 10/30/81

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐

No. of Samples 5

Type of Samples Priority Pollutant

Date Sampled 12/1/81

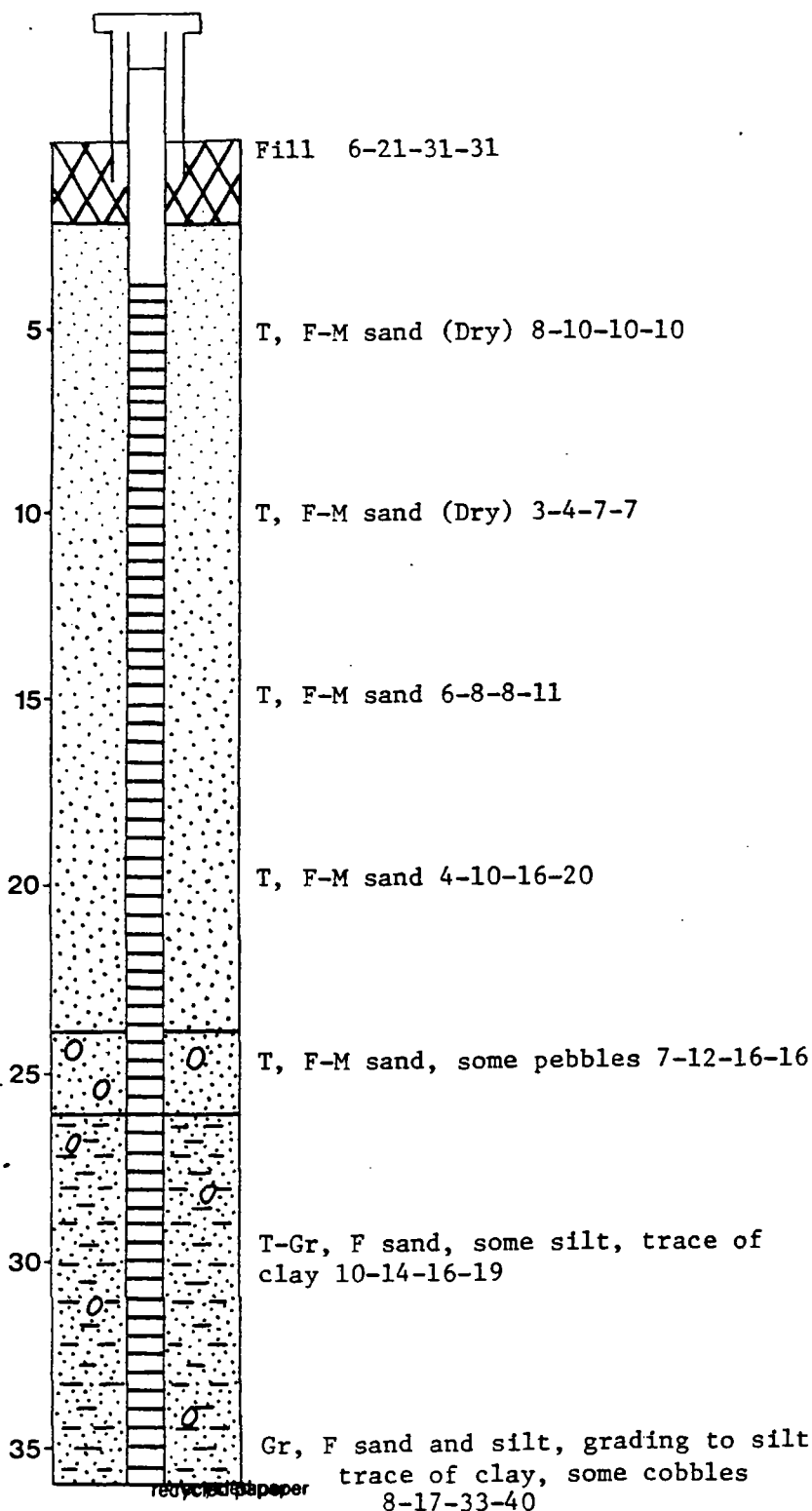
Samplers Cook and Porter

Will be Analyzed for

REMARKS

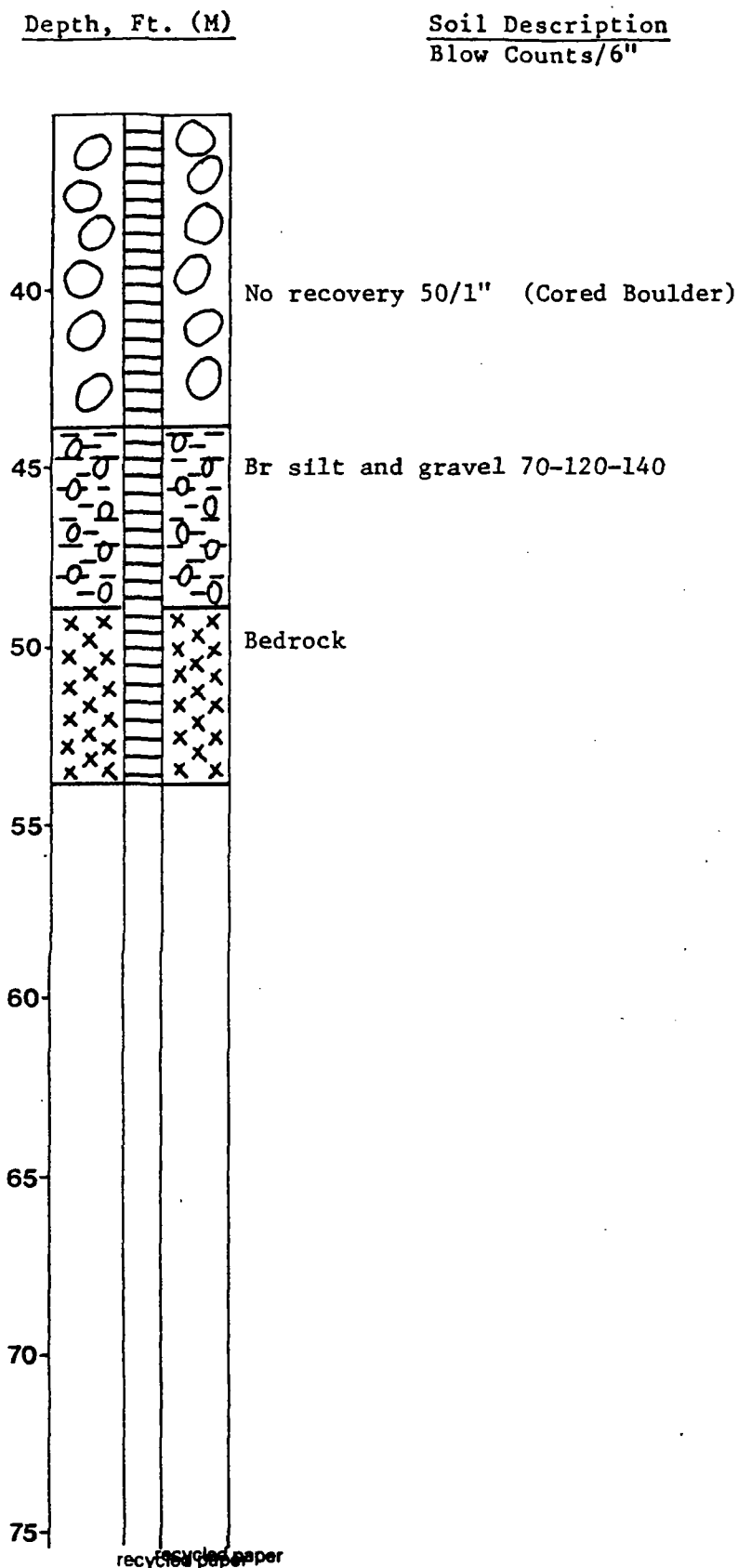
SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
	-	T-tan
		Gr-grey
		R-red



ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 143
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley



Well No. (W-19) S-19
Location _____

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes _____ No _____
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 144
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/8/82
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W-20) s-20
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 65' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 8/10/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 141'
Screen Diam. 1.4" ID
Screen Setting 4' - 139.5'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 29' 9"
Date Measured 10/30/81

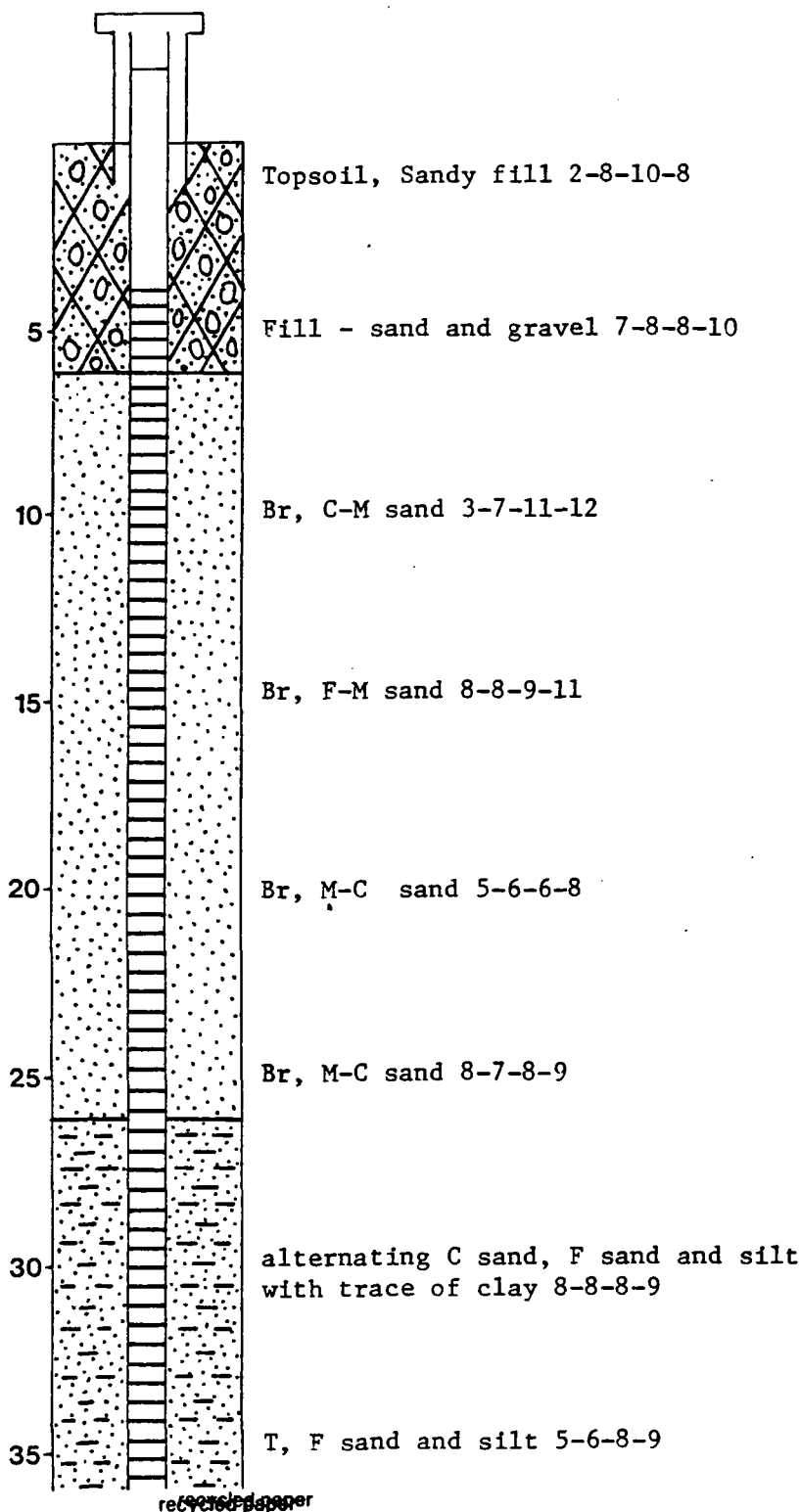
----- WATER QUALITY -----
Samples Taken Yes X No
No. of Samples 5
Type of Samples Priority Pollutant

Date Sampled 12/1/81
Samplers Fucarile and Porter
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red



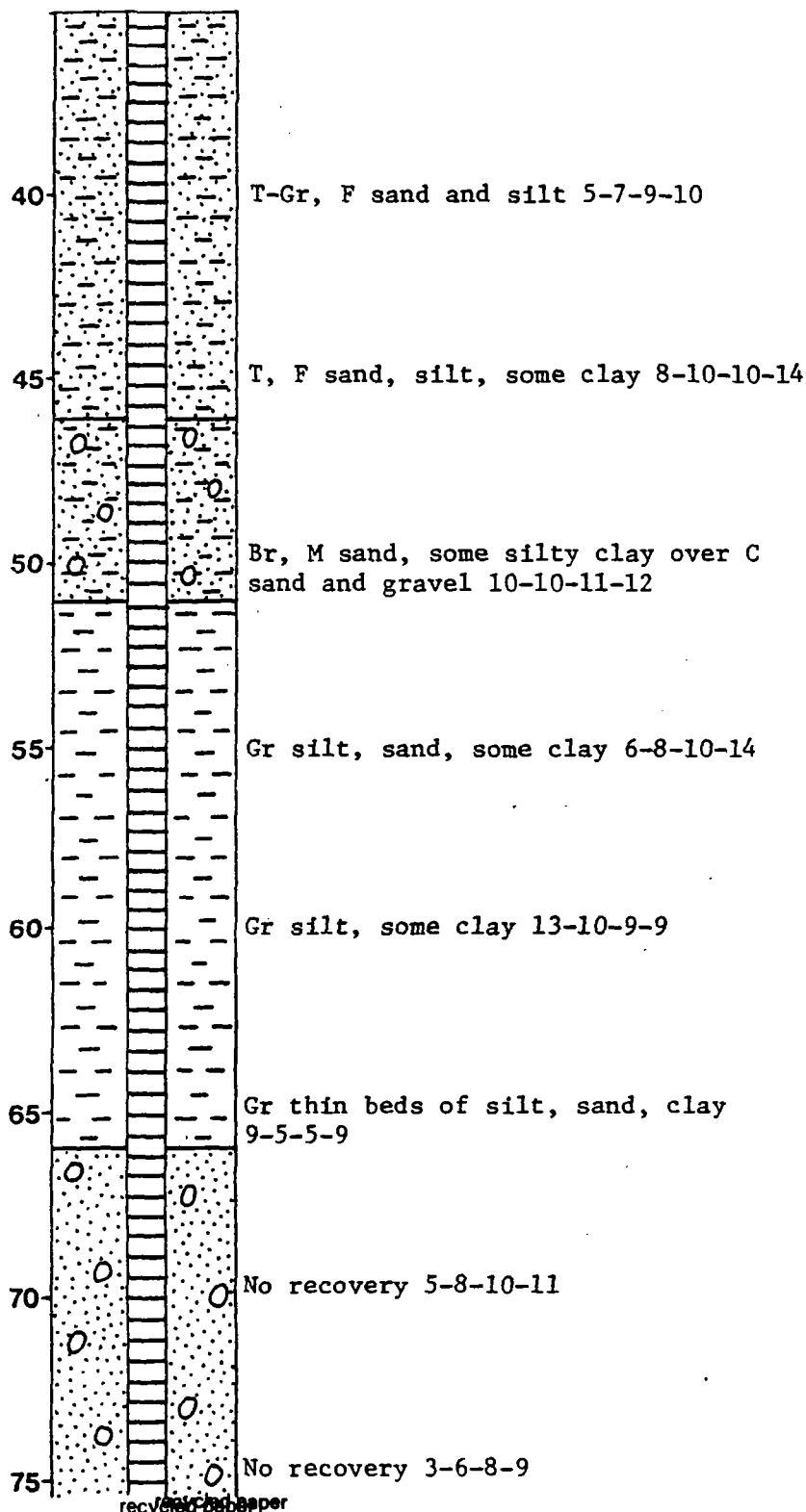
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 144
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W-20) S-20
Location



Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured
WATER QUALITY
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 144
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"
80	No recovery 5-8-9-11
85	No recovery 3-4-7-10
90	Gr C sand, gravel, trace of silt 4-6-7-11
95	Gr, M-C sand and gravel 4-9-11-14
100	Gr silt F sand, trace of gravel 11-14-16-19
105	Gr, M sand 11-18-27-24
110	Gr, M sand 17-24-21-22
115	Gr, F sand, silt 17-24-24-24

Well No. (W-20) S-20
Location _____

Owner U.S. EPA
Ground Elev. _____
Driller Geo-Metrics, Inc.
Drilling Completed _____
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth _____
Screen Diam. 1.4" ID
Screen Setting _____
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level _____
Date Measured _____

----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 144
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Soil Description Blow Counts/6"
120	Gr, F-M sand, silt 17-15-14-19
125	Gr, F-C sand, trace of silt 14-17-27-28
130	Gr, C sand, gravel, some silt and clay 170/G"
135	Gr-BI, C sand and gravel 34-29-22-20
140	Gr sand, gravel and silt 35-36-20-20
145	
150	
155	

Well No. (W-20) S-20
Location

Owner U.S. EPA
Ground Elev.
Driller Geo-Metrics, Inc.
Drilling Completed
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth
Screen Diam. 1.4" ID
Screen Setting
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level
Date Measured

----- WATER QUALITY -----
Samples Taken Yes No
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

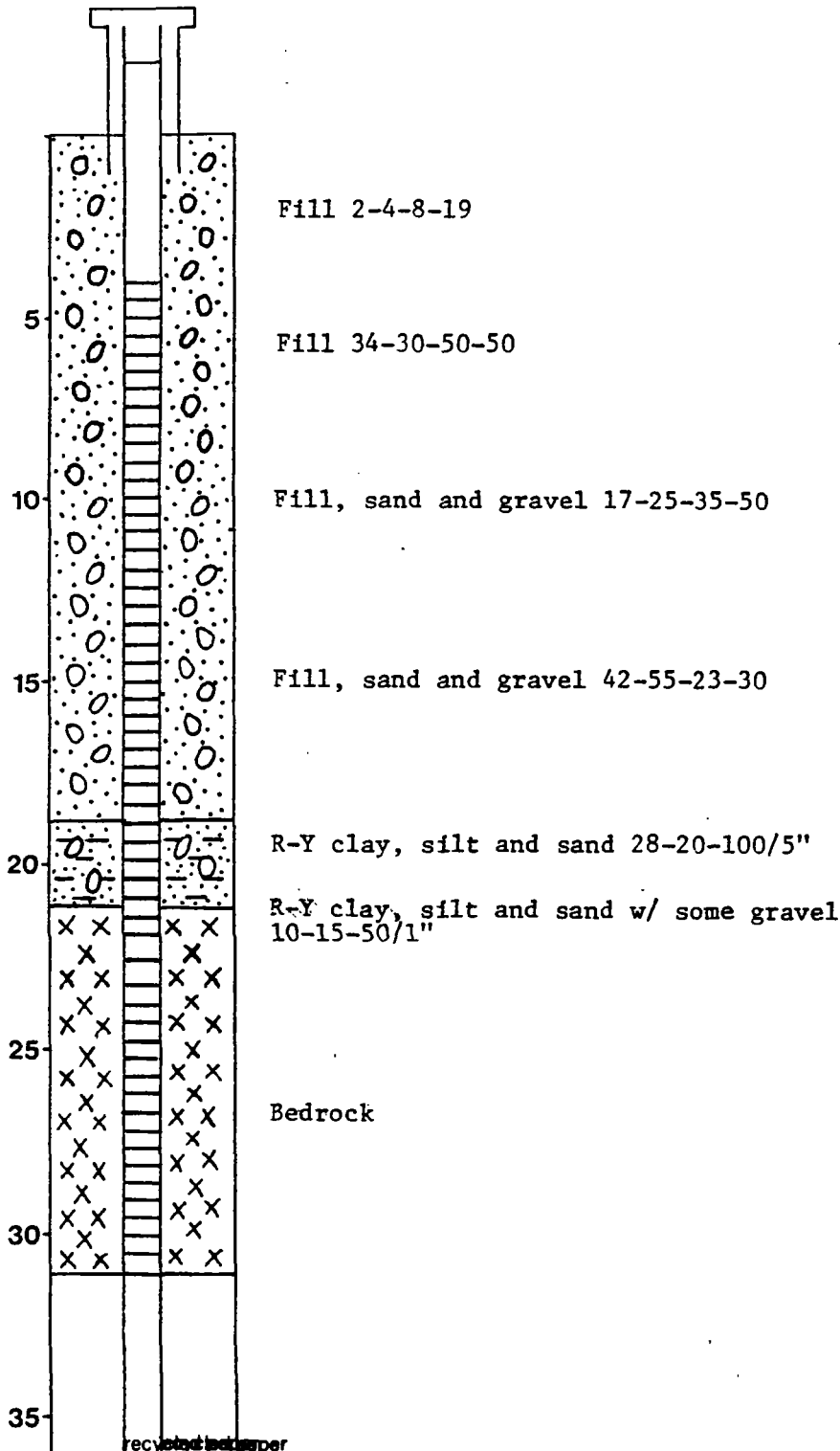
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 122
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W21) S-21
Location Woburn, MA



Owner U.S. EPA
Ground Elev. 77' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/14/81
Type of Rig Truck Mounted

----- WELL DATA -----
Well Diam. 1.4" ID
Depth 31.5'
Screen Diam. 1.4" ID
Screen Setting 4'-31.5"
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 19' 4"
Date Measured 10/30/81

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples
Type of Samples Priority
Pollutant

Date Sampled
Samplers
Will be Analyzed for

Sampled for Volatile
Organics 11/3/81

REMARKS

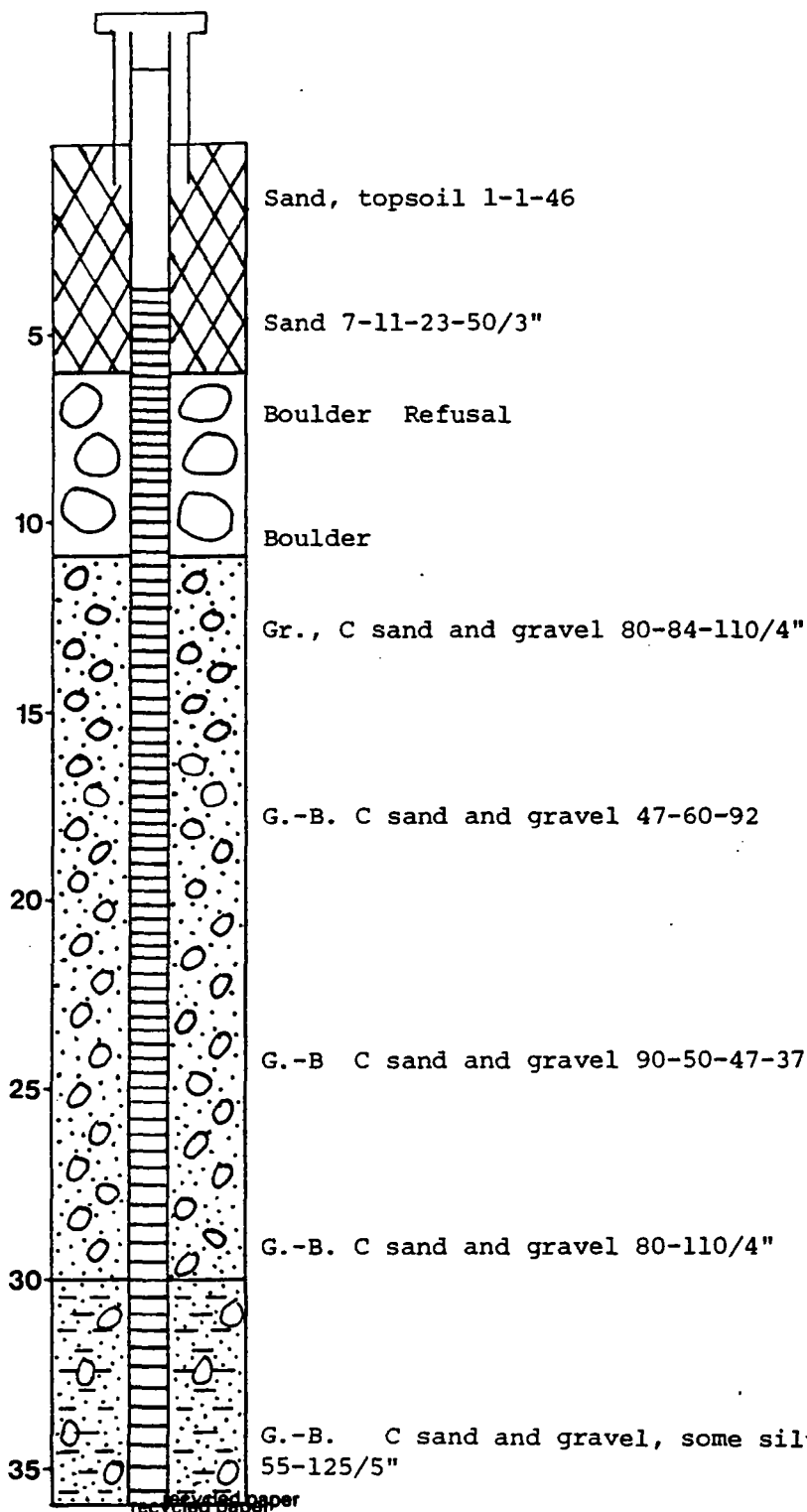
SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 127/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"Well No. (W22) S22
Location Woburn, MA

Owner U.S. EPA
Ground Elev. 84' MSL
Driller Geo-Metrics, Inc.
Drilling Completed 9/22/81
Type of Rig Truck Mounted

WELL DATA
Well Diam. 1.4" ID
Depth 44' MSL
Screen Diam. 1.4" ID
Screen Setting 4'-44'
Screen Type Schedule 80 PVC
0.01" Slot

Well Type Monitoring
Static Water Level 26'
Date Measured 10/15/81

WATER QUALITY
Samples Taken Yes ☒ No ☐
No. of Samples
Type of Samples Priority
Pollutants

Date Sampled
Samplers
Will be Analyzed for

Sampled for Volatile Organics
11/3/81

REMARKS

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

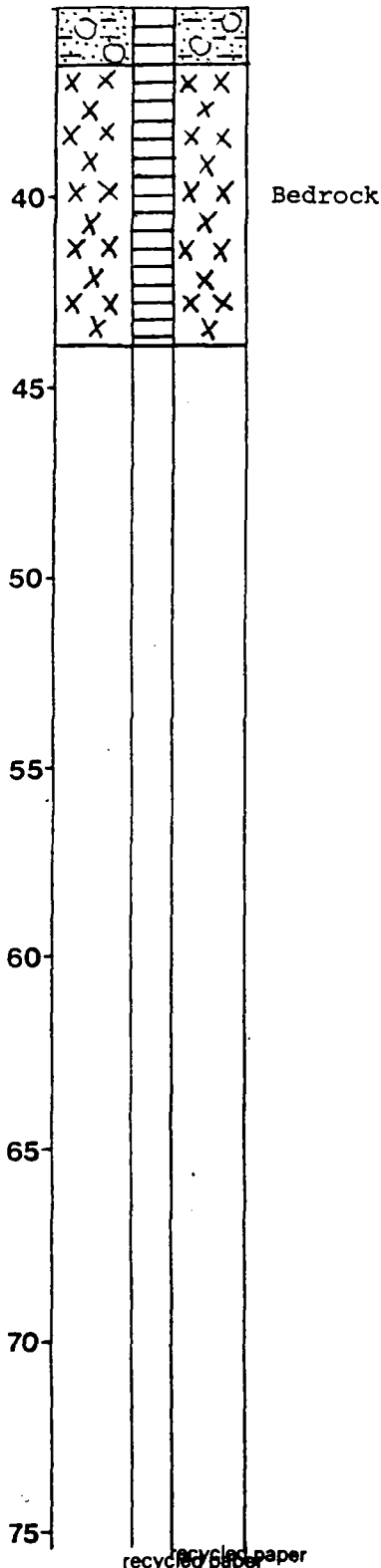
Well Log # 127/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (W22) S22

Location



Owner U.S. EPA

Ground Elev.

Driller Geo-Metrics, Inc.

Drilling Completed

Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. 1.4" ID

Depth

Screen Diam. 1.4" ID

Screen Setting

Screen Type Schedule 80 PVC

0.01" Slot

Well Type Monitoring

Static Water Level

Date Measured

----- WATER QUALITY -----

Samples Taken Yes No

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

REMARKS

SOIL DESCRIPTION ABBREVIATIONS

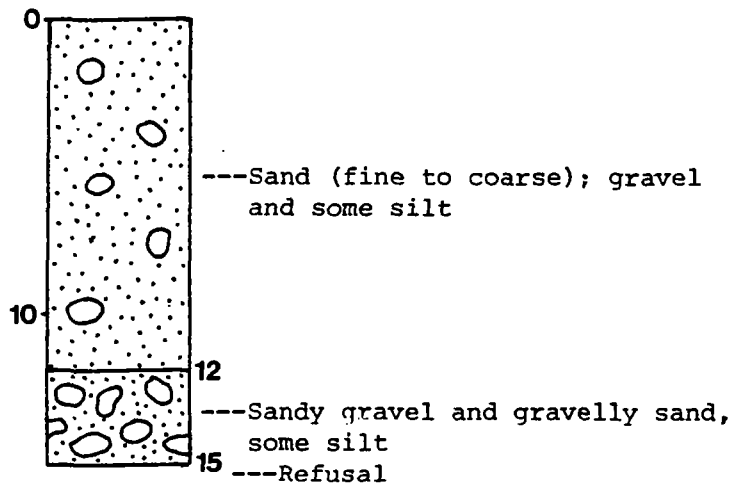
Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 14
Project Name Woburn Well Survey
Project # TOD F1-8010-03 A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW2) S23
Location Corner of Eames St. and B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 88 ft.
Driller Carr-Dee Test Boring
Drilling Completed 11/1/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1 1/2 in.
Depth 15 ft.
Casing Diam. 3 1/2 in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----
Static Water Level 11 ft.
Date Measured 3/2/81
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 6
Type of Samples Priority Scan

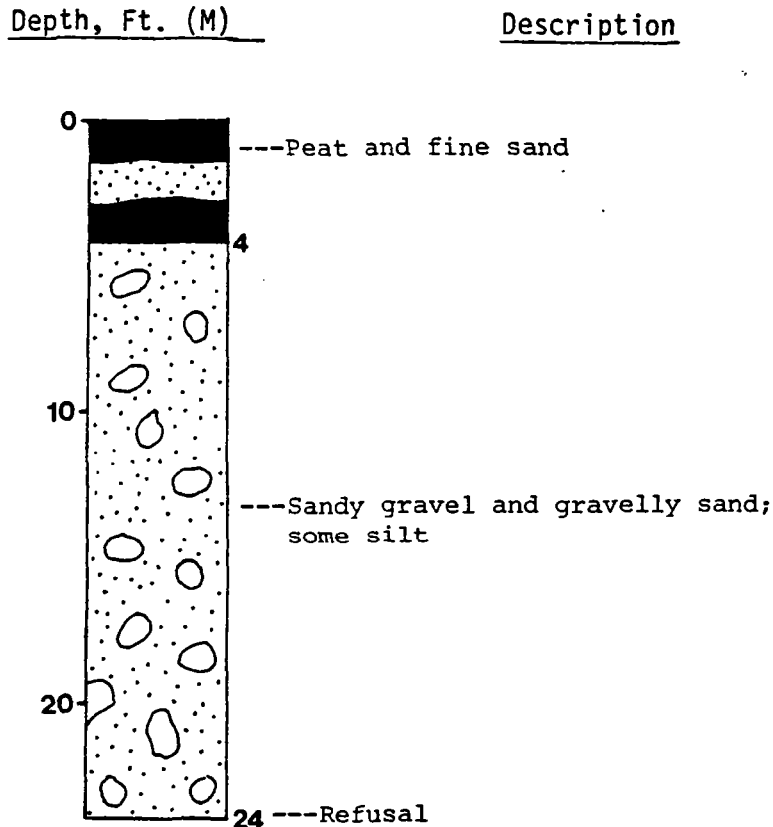
Date Sampled 3/2/81
Samplers Cook & Smart
Will be Analyzed for
129 Priority Pollutant

Split Samples to R. McBryon - Olin
Comments

----- REMARKS -----
From Geotechnical Engineers Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 22
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12/8/80
Prepared By R. DiNitto



Well No. (GW10) S24
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemical
Ground Elev. 87 feet
Driller Carr-Dee
Drilling Completed 11/2/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1½ in.
Depth 24 ft.
Casing Diam. 3½ in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----
Static Water Level 8' 7"
Date Measured 11/12/80
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples 6
Priority Scan

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to D. Vaughn-Olin

Comments

----- REMARKS -----
From Geotechnical Engineers
Inc. (1978)

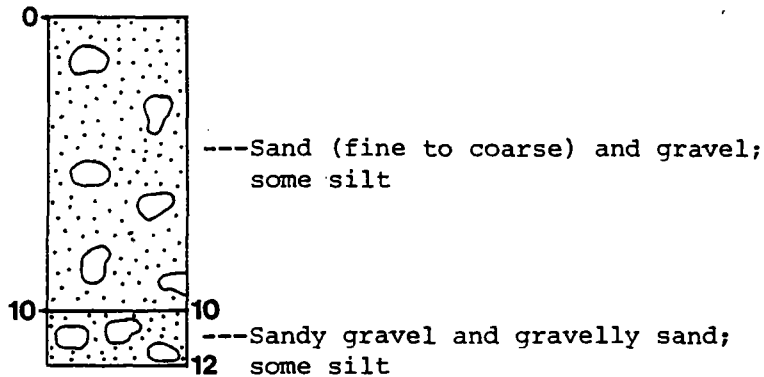
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 17
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW5) S25
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 76 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/31/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1½ in.
Depth 12 ft.
Casing Diam. 3½ in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type observational

----- TEST DATA -----
Static Water Level 4' 1"
Date Measured 11/12/80
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to D. Vaughn-Olin

Comments

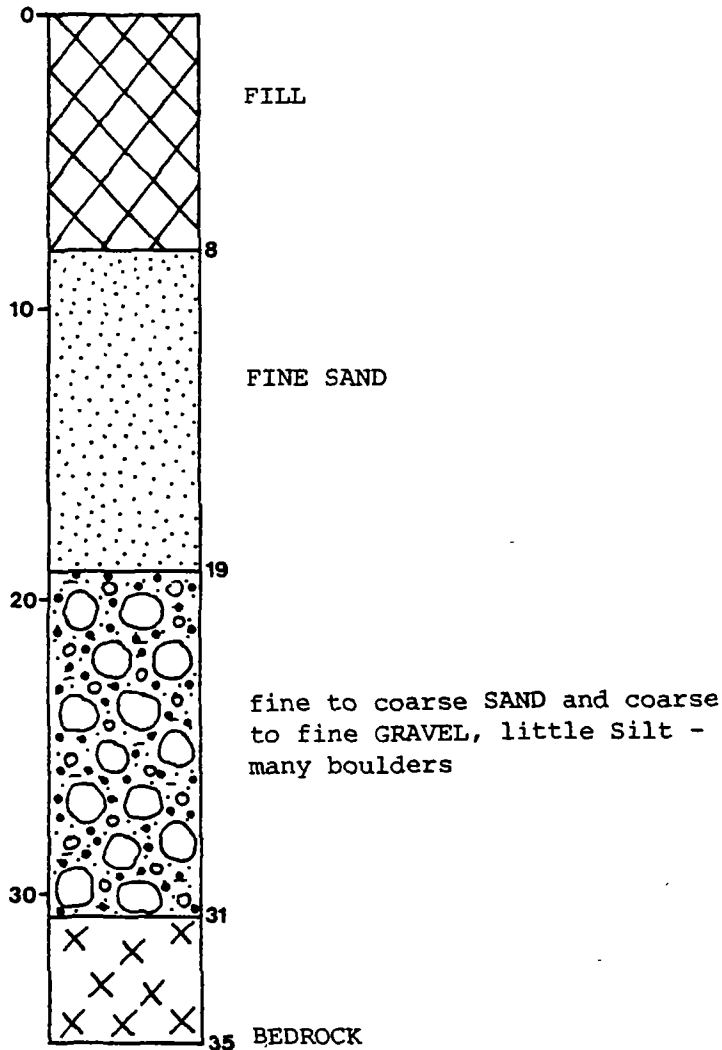
----- REMARKS -----
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 69
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (GZ-3) S26
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/19/81
Type of Rig _____

----- WELL DATA -----
Hole Diam. 1 1/2"
Depth 35'
Casing Diam. 3"
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting 32.5-34.5'
Screen Type _____
Well Type Monitoring

----- TEST DATA -----
Static Water Level 5.5'
Date Measured 1/19/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes x No _____
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/5/81
Samplers D. Cook, M. Hanley
Will be Analyzed for _____
129 Priority Pollutants

Split Samples to _____

Comments _____

----- REMARKS -----

Courtesy of John Ayres
Goldberg Zoino and Assoc. Inc.
Newton, MA

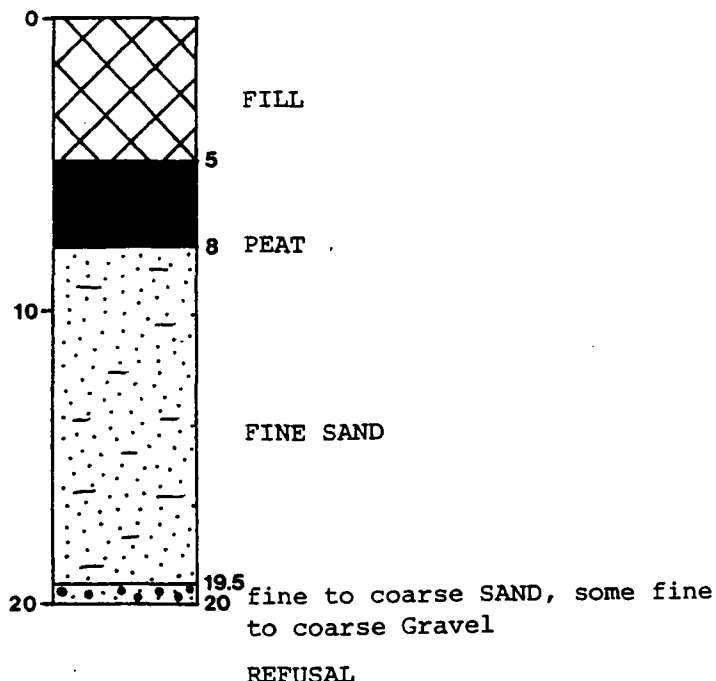
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 68
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (GZ-2) S27
Location Woburn

Owner Janpet Associates
Ground Elev.
Driller Carr-Dee
Drilling Completed 1/2/81
Type of Rig

----- WELL DATA -----
Hole Diam. 1 1/2"
Depth 20'
Casing Diam. 6"
Casing Depth
Screen Diam. 1 1/2"
Screen Setting 8.8-18.8'
Screen Type

Well Type Monitoring

----- TEST DATA -----
Static Water Level 3'
Date Measured 1/12/81
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/5/81
Samplers D. Cook, M. Hanley
Will be Analyzed for
129 Priority Pollutants

Split Samples to

Comments

----- REMARKS -----
Courtesy of John Ayres
Goldberg Zoino and Assoc. Inc.
Newton, MA

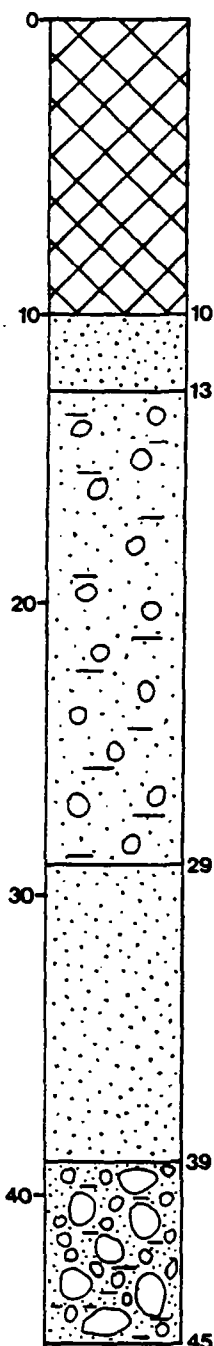
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 72
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



----- Artificial Fill

----- Fine to medium SAND

----- Dense, fine to coarse SAND,
and GRAVEL, little Silt

----- Brown, medium to fine SAND

Well No (GZ-6) S28

Location Woburn

Owner Jarpet Associates

Ground Elev. _____

Driller Carr-Dee

Drilling Completed 1/16/81

Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/2"

Depth 45'

Casing Diam. 3"

Casing Depth _____

Screen Diam. 1 1/2"

Screen Setting 29 - 39'

Screen Type _____

Well Type Monitoring

----- TEST DATA -----

Static Water Level 11.7

Date Measured 1/16/81

Pumping Depth _____

Test Duration _____

Pumping Rate _____

Test Date _____

Test Type _____

Pump Setting _____

Specific Gravity _____

Final Pump Capacity _____

Final Pump Setting _____

Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes x No _____

No. of Samples 6

Type of Samples Priority Scan

Date Sampled 2/5/81

Samplers M. Hanley & Cook

Will be Analyzed for _____

129 Priority Pollutants

Split Samples to _____

Comments _____

----- REMARKS -----

Courtesy John Ayres-Goldberg

Zoino and Assoc. Inc. Newton,

MA

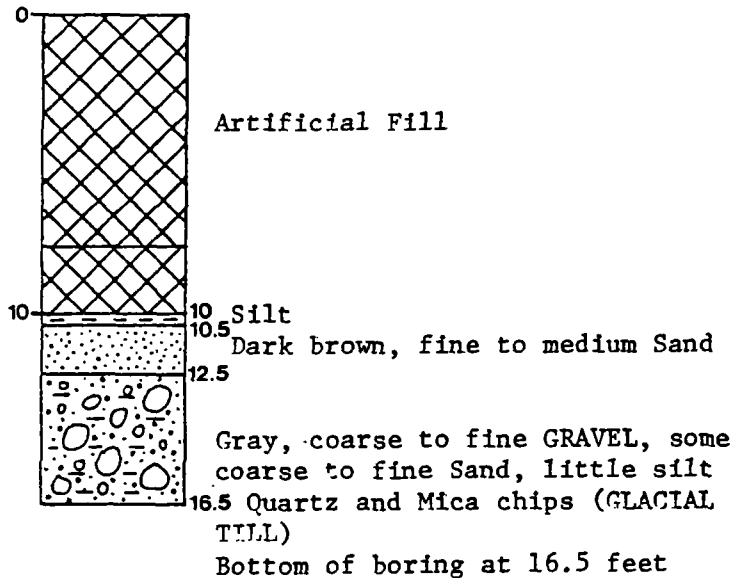
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 71
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (GZ-5) S29
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/14/81
Type of Rig _____

----- WELL DATA -----
Hole Diam. 1 1/2"
Depth 16.5'
Casing Diam. 6"
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting 10.5-13.1'
Screen Type _____
Well Type Monitoring Well

----- TEST DATA -----
Static Water Level 12.45'
Date Measured 1/14/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/5/81
Samplers D. Cook, M. Hanley
Will be Analyzed for
129 Priority Pollutants

Split Samples to _____

Comments _____

----- REMARKS -----
Courtesy of John Ayres-Goldberg
Zoino and Assoc. Inc. Newton,
MA

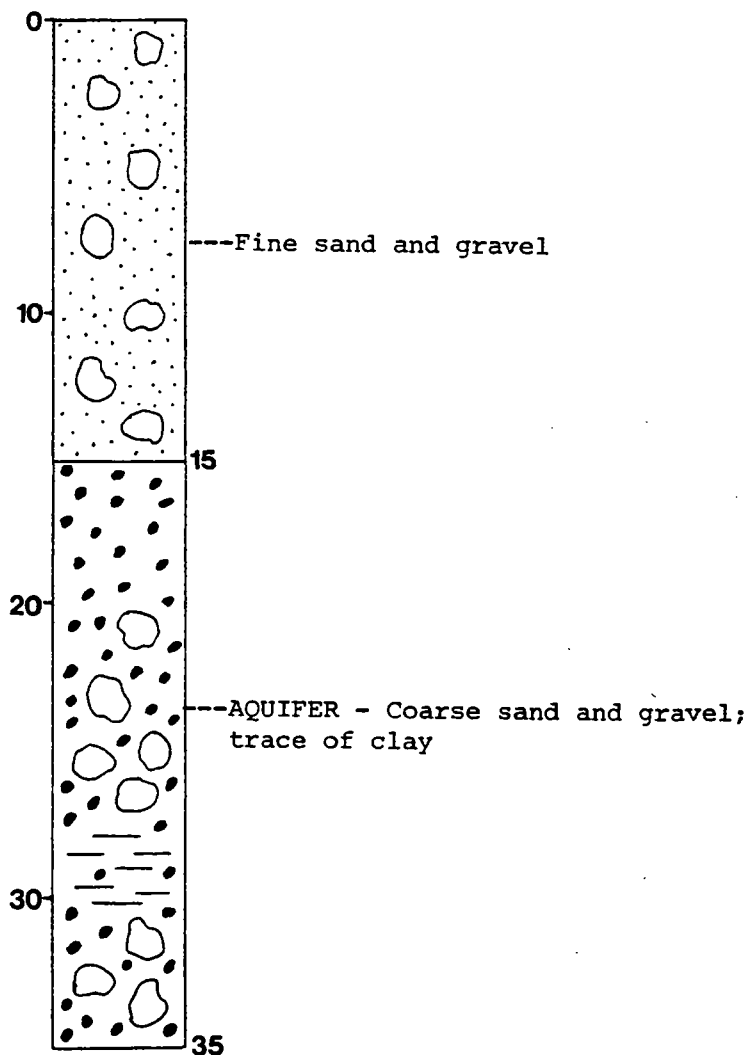
ecology and environment, inc.
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 66
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (E 26) S33
Location West end of Cabot Rd.,
Woburn
Owner Solar Power
Ground Elev. 70 ft.
Driller American Artesian
Drilling Completed 1979
Type of Rig
----- WELL DATA -----
Hole Diam.
Depth 35 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial
----- TEST DATA -----
Static Water Level 7 ft.
Date Measured 1979
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/23/81
Samplers P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to

Comments

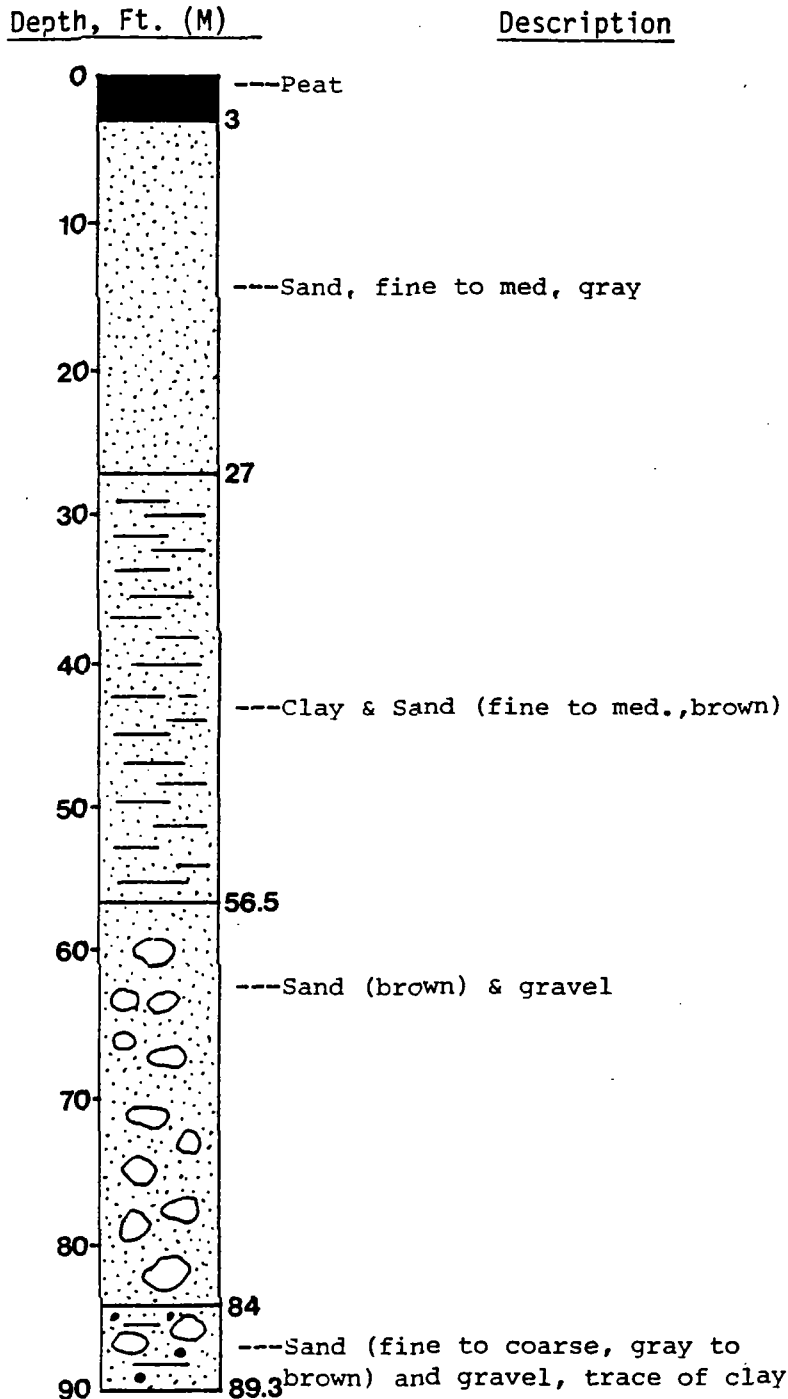
----- REMARKS -----

Courtesy Harry Jacobson
Solar Power Corp. Woburn, MA

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 106
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto



Well No. (W 420) S39
Location North of Salem Street
East of Aberjona River
Owner City of Woburn "H"
Ground Elev. 45 ft.
Driller Maher
Drilling Completed 1964
Type of Rig
----- WELL DATA -----
Hole Diam. 24 in.
Depth 89.3 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Water withdrawal
----- TEST DATA -----
Static Water Level 1 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate 700 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/29/81
Samplers R. Palermo, J. Panaro
Will be Analyzed for
129 Priority Pollutants

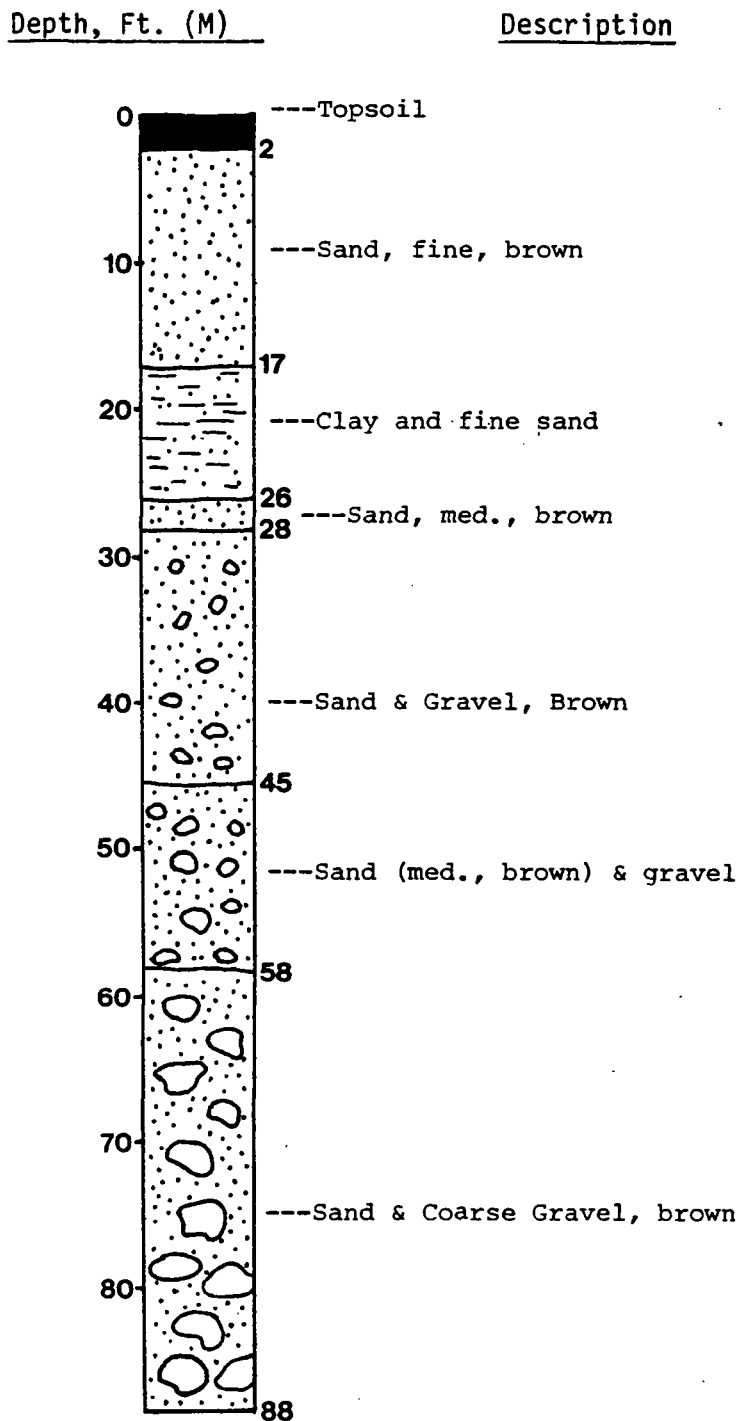
Split Samples to

Comments

----- REMARKS -----
From Delaney and Gav (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 105
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/11/81
Prepared By R. DiNitto



Well No. (w 419) S40
Location City Well "G" North
of Salem St., East of Aberjona
Owner City of Woburn
Ground Elev. 45 ft.
Driller Maher
Drilling Completed 1967
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth 88 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting Gravel Wall ?
Screen Type Commercial
Well Type water Withdrawal

----- TEST DATA -----
Static Water Level 1 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate 800 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 1/29/81
Samplers R. Palermo, J. Panaro
Will be Analyzed for
129 Priority Pollutants

Split Samples to

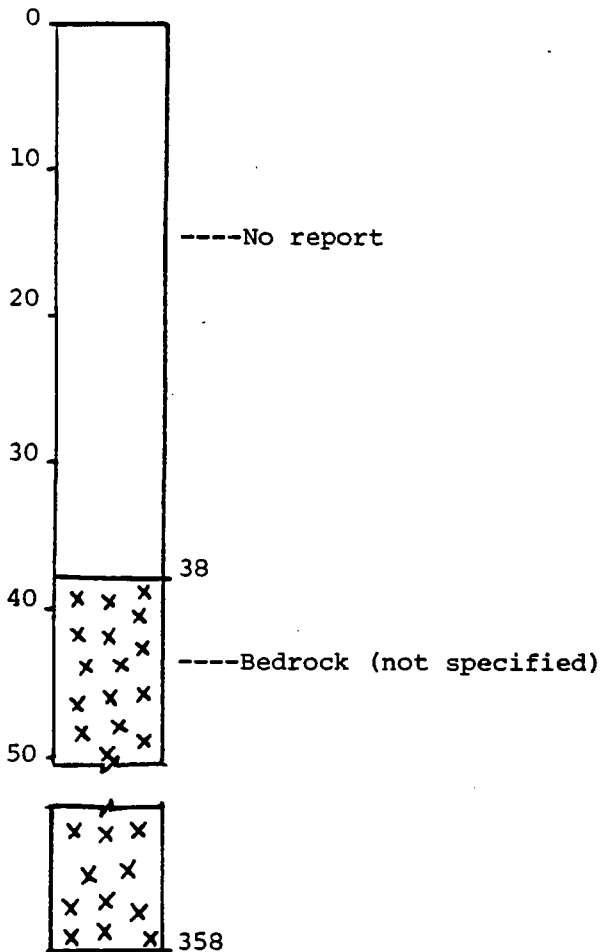
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 116
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 436) S41
Location Wob. 800 ft. east of
Well # W 419

Owner N.E. Plastics
Ground Elev USGS 60' MSL

Driller
Drilling Completed 1962

Type of Rig

----- WELL DATA -----

Hole Diam. 6 in.

Depth 358 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Industrial

----- TEST DATA -----

Static Water Level 15 ft.

Date Measured 2-62

Pumping Depth

Test Duration

Pumping Rate 45 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐

No. of Samples 6

Type of Samples Priority Scan

Date Sampled 1/23/81

Samplers P. Clay, J. Panaro

Will be Analyzed for

129 Priority Pollutants

Split Samples to

Comments

----- REMARKS -----

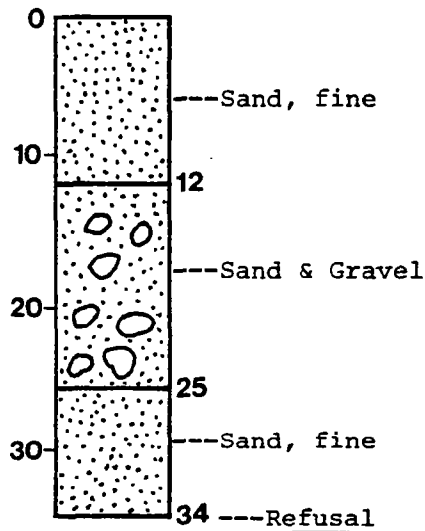
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 93
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (w 364) S44
Location Woburn, North of
Forbes Road
Owner Independent Tallow
Ground Elev. 85 ft.
Driller
Drilling Completed 1940
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth USGS 24 ft. Log 34 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----
Static Water Level 5 ft.
Date Measured 12/2/80
Pumping Depth 170 GPM
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 6
Type of Samples Priority scan

Date Sampled 12/2/80
Samplers D. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to

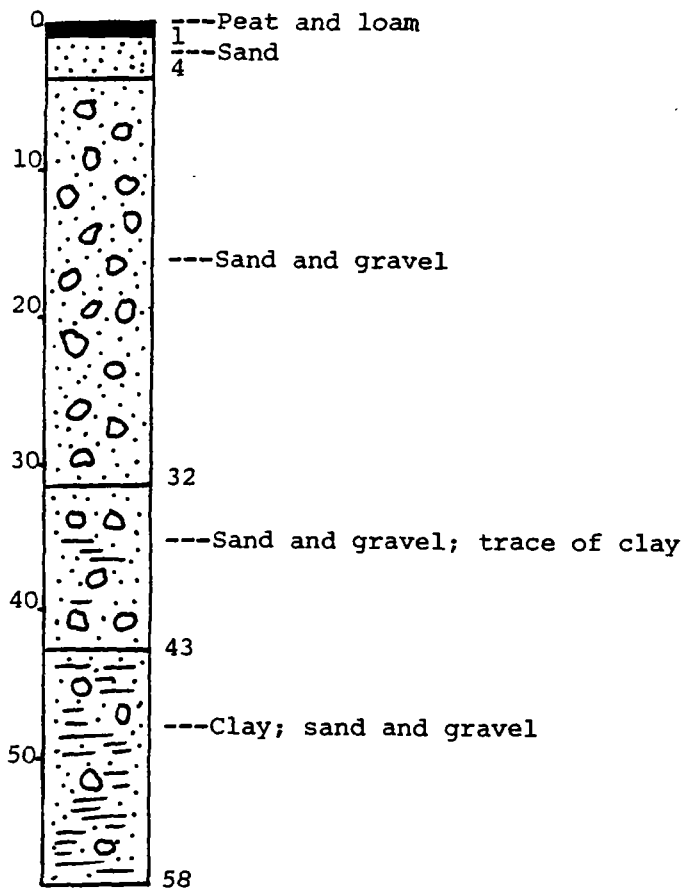
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 107
Project Name Woburn Well Survey
Project # TDD F1-8010-03
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 422) S45
Location South of Aberjona Drive
East of Aberjona River

Owner City of Woburn

Ground Elev. 45 ft.

Driller

Drilling Completed 1963

Type of Rig Drive-Wash

----- WELL DATA -----

Hole Diam. 2 in.

Depth 40 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting yes

Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 2 ft.

Date Measured 10-63

Pumping Depth 1 ft. DD

Test Duration 3 hrs.

Pumping Rate 40 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

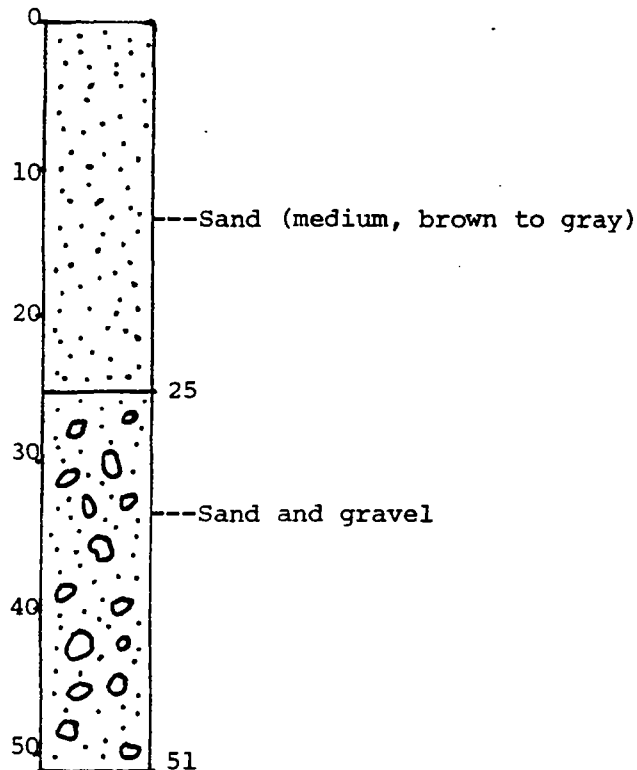
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 73
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By W. Norman

Depth, Ft. (M) Description



Well No. (W 6) S46
Location East of RR, North of
Salem St. Wob.
Owner J.J. Riley
Ground Elev. 55 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth 51 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----
Static Water Level 5 ft.
Date Measured 1958
Pumping Depth
Test Duration
Pumping Rate 750 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 6
Type of Samples
Priority Scan

Date Sampled 11/14/1980
Samplers Clay & Cook
Will be Analyzed for
129 Priority Pollutants

Split Samples to J.J. Riley

Comments

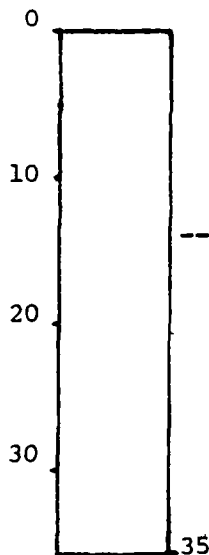
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 118
Project Name Woburn Well Survey
Project # TOD FI-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W 439) S47
Location 300 Ft. North of Salem
St. Woburn

Owner J.J. Riley

Ground Elev. 55 ft.

Driller

Drilling Completed 1945

Type of Rig

----- WELL DATA -----

Hole Diam. ?

Depth 35 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Industrial

----- TEST DATA -----

Static Water Level 5 ft.

Date Measured

Pumping Depth

Test Duration

Pumping Rate 500 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐

No. of Samples 6

Type of Samples Priority Scan

Date Sampled 11/14/1980

Samplers P. Clay, D. Cook

Will be Analyzed for

129 Priority Pollutants

Split Samples to J.J. Riley

Comments

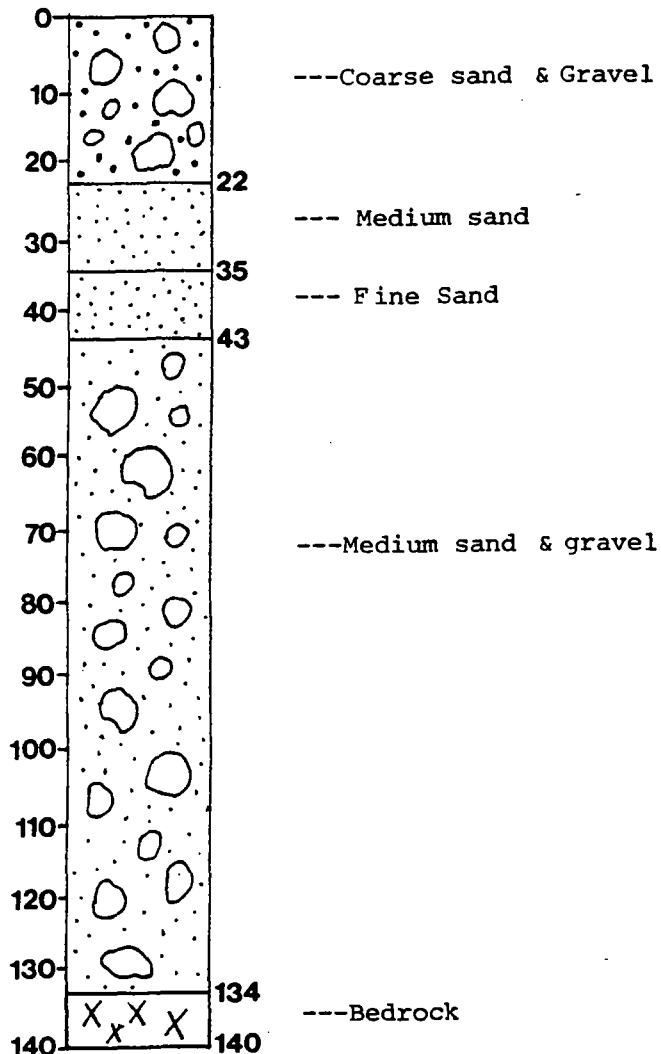
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 108
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W424) S50
Location South end of
Whittemore Pond, Woburn
Owner Atlantic Gelatin
Ground Elev. 50 ft.
Driller
Drilling Completed 1961
Type of Rig
----- WELL DATA -----
Hole Diam. 8 in.
Depth 140 ft.
Casing Diam.
Casing Depth 134 ft.
Screen Diam.
Screen Setting
Screen Type
Well Type Test-unused
----- TEST DATA -----
Static Water Level 14'
Date Measured 2/12/81
Pumping Depth
Test Duration
Pumping Rate 80
Test Date March 1961
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/12/81
Samplers D. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

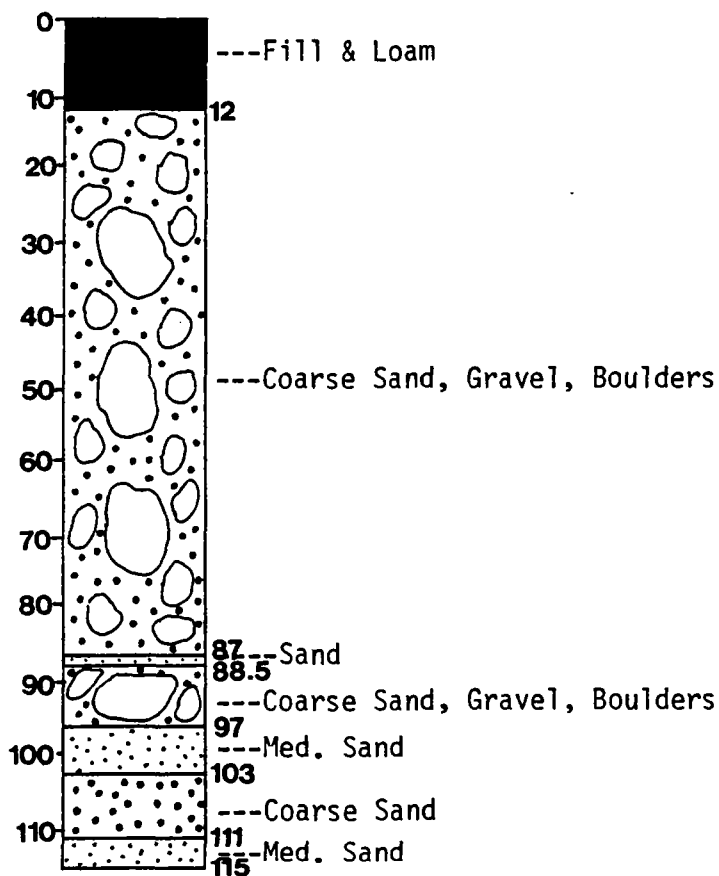
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 48
Project Name Woburn Well Survey
Project # TDD F1-8010-03
Date Prepared 2/8/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (AG 7) S51

Location Woburn, MA

Owner Atlantic Gelatin

Ground Elev. 50' MSL

Driller Layne

Drilling Completed

Type of Rig

----- WELL DATA -----

Hole Diam. 18"

Depth 107'

Casing Diam. 24"

Casing Depth 65'

Screen Diam. 18"

Screen Setting 87-107'

Screen Type #5 Layne

Well Type

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes X No

No. of Samples 6

Type of Samples Priority Scan

Date Sampled 2/4/81

Samplers D. Cook, P. Clay

Will be Analyzed for

129 Priority Pollutants

Split Samples to W. Collins

Atlantic Gelatin

Comments

----- REMARKS -----

Courtesy Bill Collins -

Atlantic Gelatin Division

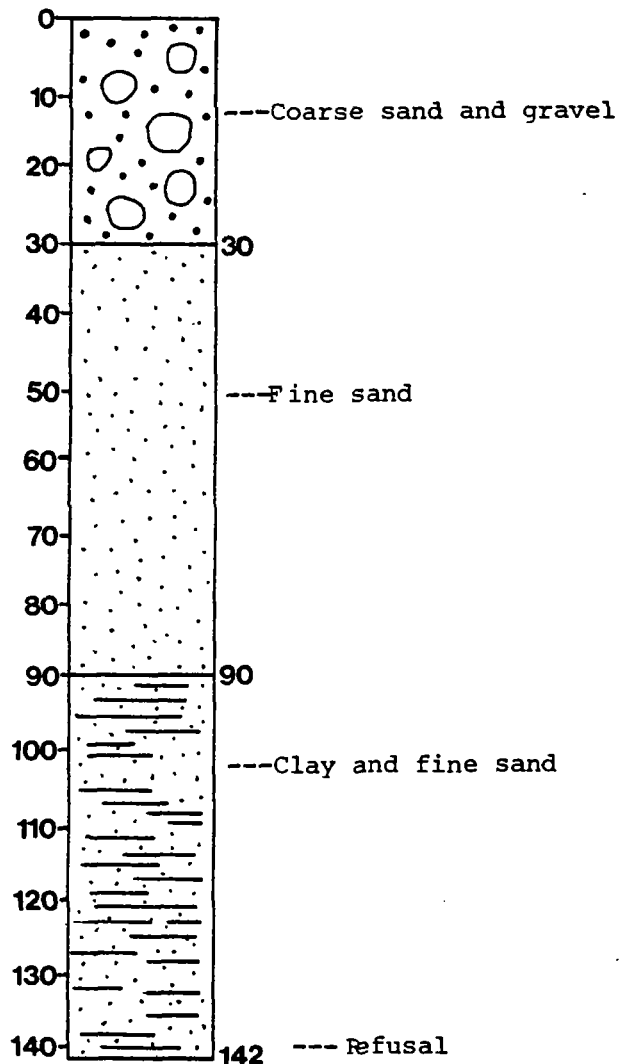
General Foods Corp.

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 110
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/11/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No (w 426) S53
Location Corner of Washington St. and Grape Street, Woburn
Owner Atlantic Gelatin
Ground Elev. 56 ft. MSL
Driller _____
Drilling Completed 1960
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 142 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 14
Date Measured October 1960
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes x No _____
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/4/81
Samplers D. Cook, P. Clay
Will be Analyzed for _____
129 Priority Pollutants

Split Samples to _____
Bill Collins - A.G.
Comments _____

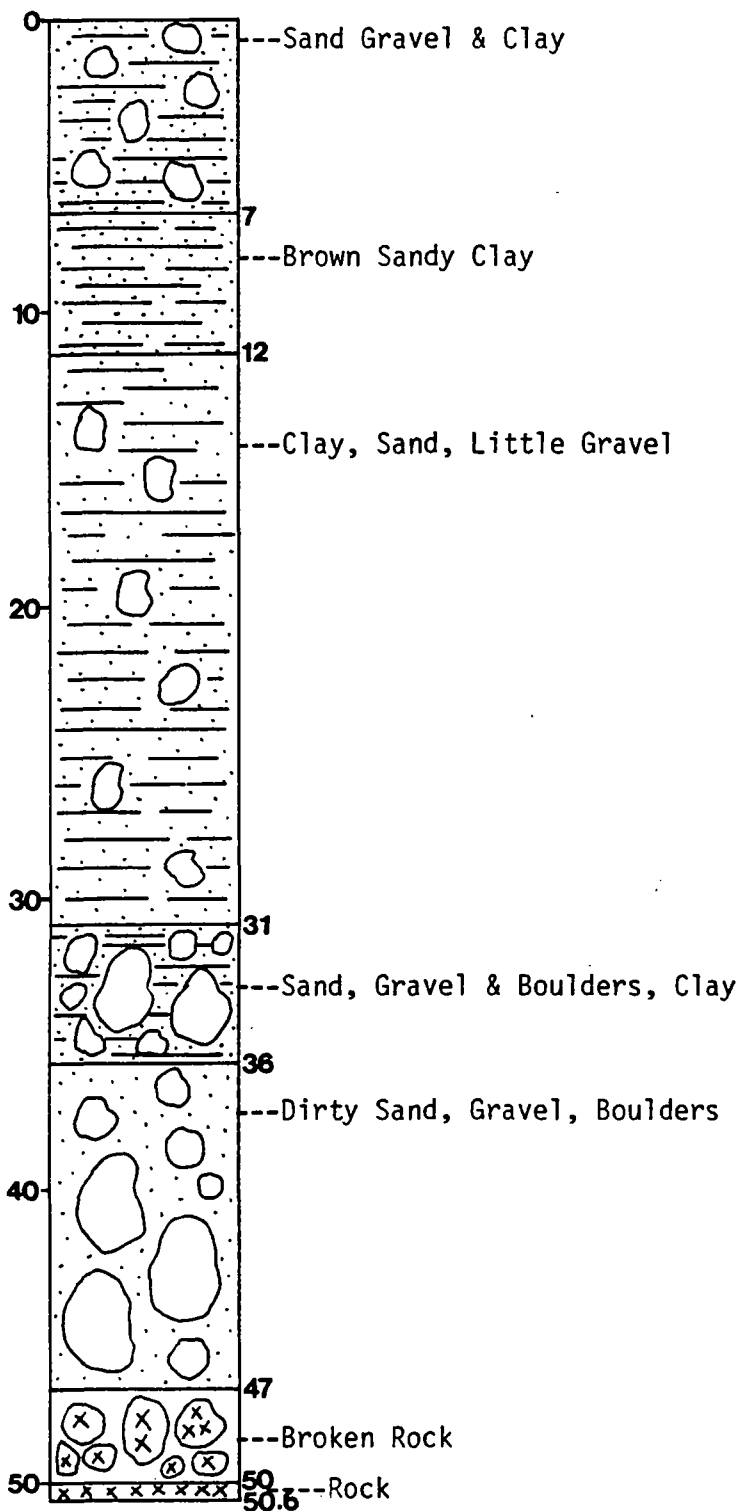
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 89
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 2/8/81
Prepared By D. Cook

Depth, Ft. (M)

Description



recycled paper

Well No. (AG 4A) S54

Location Woburn, MA

Owner Atlantic Gelatin

Ground Elev. 35

Driller Layne

Drilling Completed 7/5/57

Type of Rig

----- WELL DATA -----

Hole Diam. 18"

Depth 50'

Casing Diam. 24"

Casing Depth 33'

Screen Diam. 18"

Screen Setting

Screen Type #5

Well Type

----- TEST DATA -----

Static Water Level 9'10"

Date Measured 12/3/57

Pumping Depth 40'

Test Duration

Pumping Rate 300 GPM

Test Date 12/3/57

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐

No. of Samples 6

Type of Samples Priority Scan

Date Sampled 1/27/81

Samplers DEOE

Will be Analyzed for

129 Priority Pollutants

Split Samples to

Comments

----- REMARKS -----

Courtesy of Bill Collins

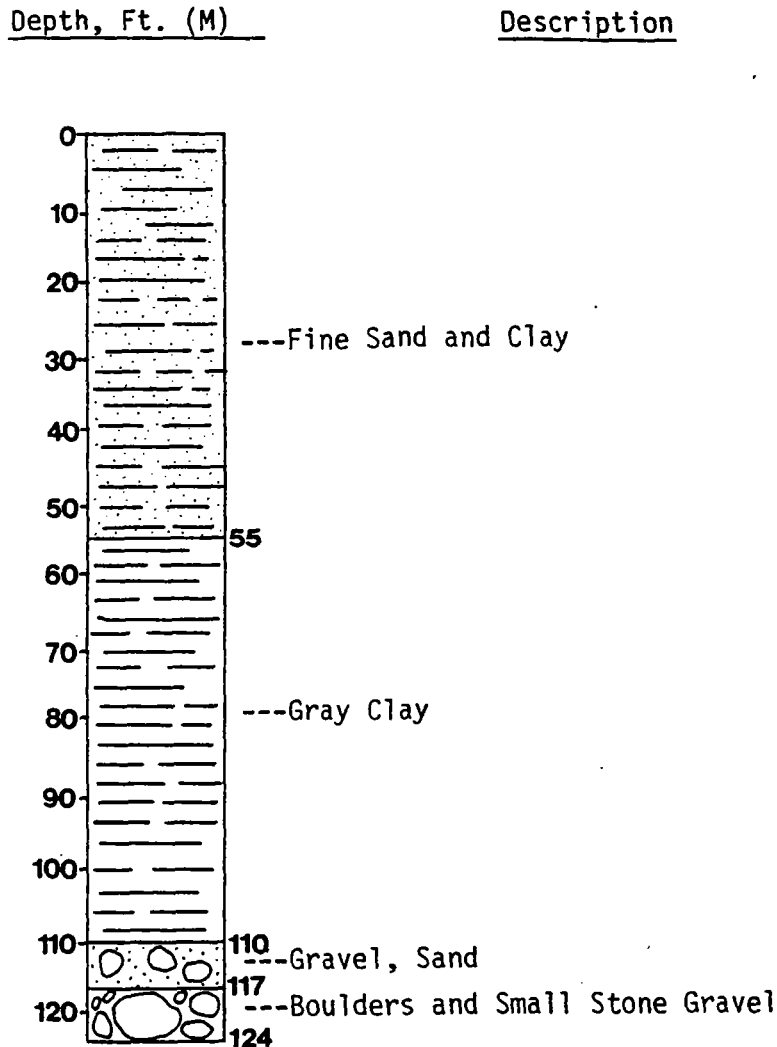
Atlantic Gelatin Division

General Foods Corp.

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 88
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 2/8/81
Prepared By D. Cook



Well No. (AG 6) s55
Location Woburn, MA
Owner Atlantic Gelatin
Ground Elev. 47
Driller Layne
Drilling Completed 1958
Type of Rig _____
----- WELL DATA -----
Hole Diam. 18"
Depth 124'
Casing Diam. 24"
Casing Depth 103.5'
Screen Diam. 18
Screen Setting 114-124'
Screen Type _____
Well Type Industrial
----- TEST DATA -----
Static Water Level _____
Date Measured 4/58
Pumping Depth _____
Test Duration _____
Pumping Rate 400 GPM
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes X No _____
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/4/81
Samplers D. Cook, P. Clay
Will be Analyzed for _____
129 Priority Pollutants

Split Samples to W. Collins
Atlantic Gelatin
Comments _____

----- REMARKS -----
Courtesy of Bill Collins
Atlantic Gelatin Division
General Foods Corp.

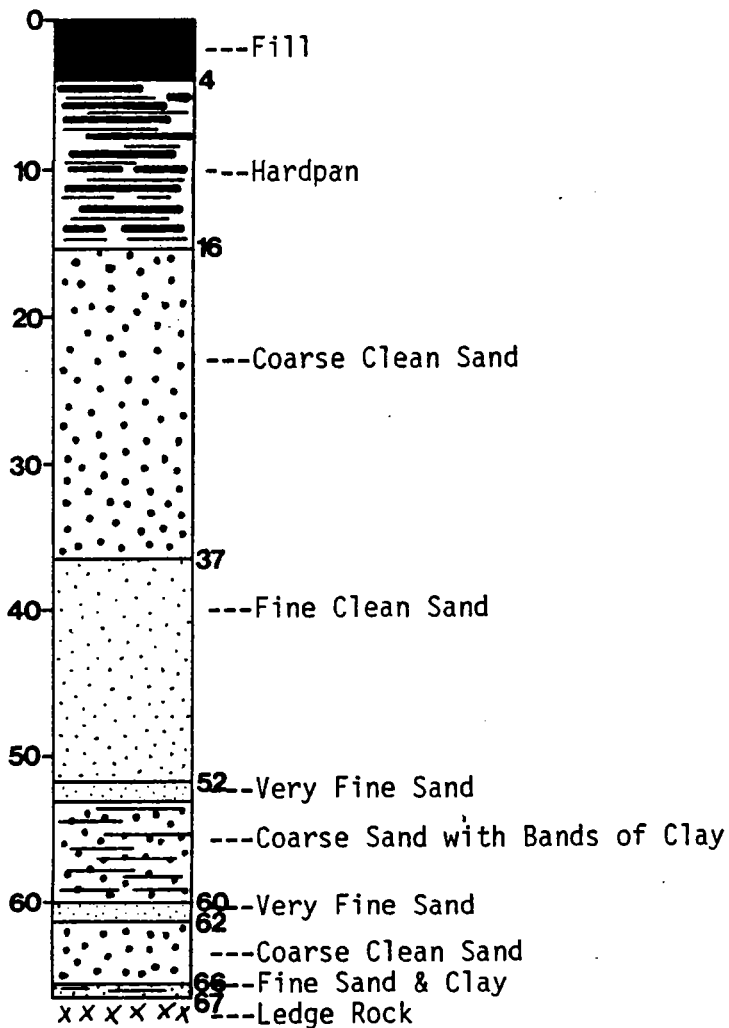
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 38
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 2/8/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (AG 1) S57
Location Winchester, MA

Owner General Foods/Atlantic Gelatin
Ground Elev. 29' MSL
Driller Layne
Drilling Completed 1/4/35
Type of Rig

----- WELL DATA -----

Hole Diam. 18"
Depth 67'
Casing Diam. 36"
Casing Depth 20'
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----

Static Water Level 43'
Date Measured 5/22/35
Pumping Depth 55'
Test Duration
Pumping Rate 270 GPM
Test Date 5/22/35
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples
Priority Pollutant Scan

Date Sampled 2/4/81
Samplers D. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutant

Split Samples to W. Collins
Atlantic Gelatin
Comments

----- REMARKS -----

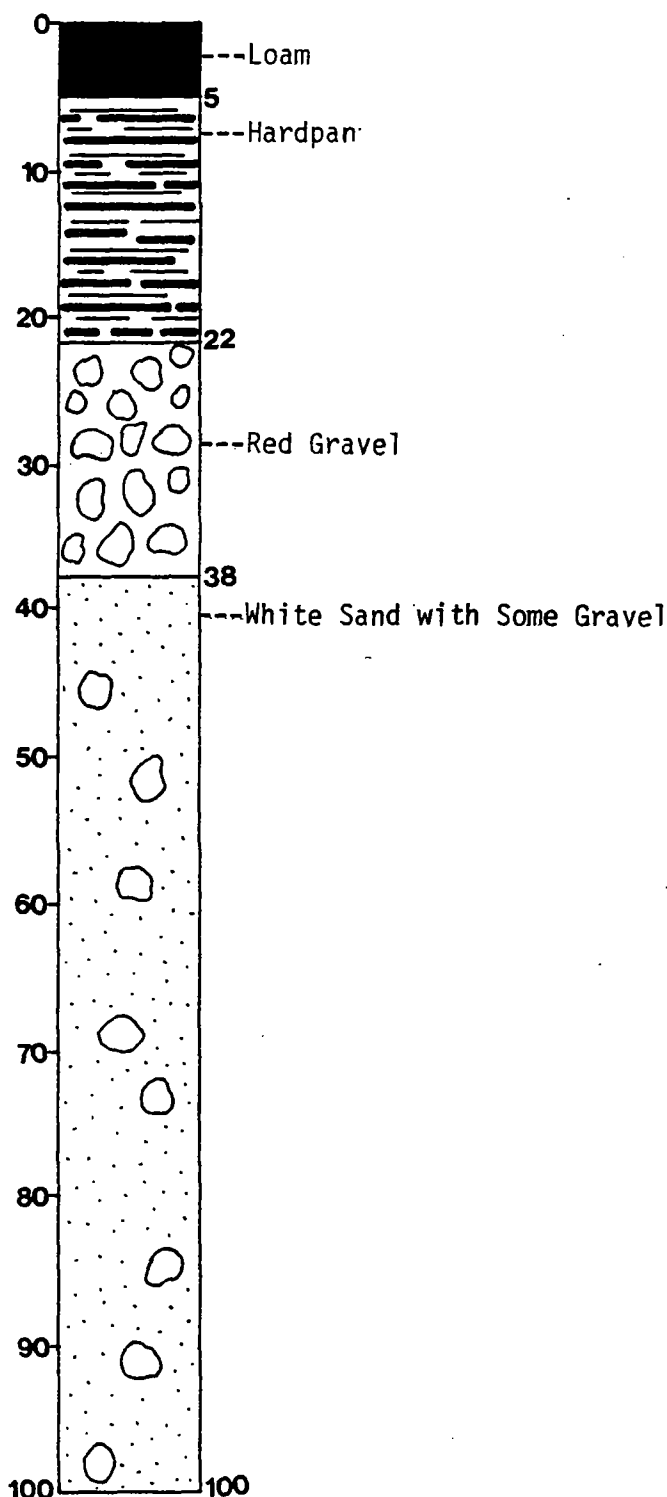
Courtesy of Bill Collins -
Atlantic Gelatin Division of
General Foods Corp.

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 37
Project Name Woburn Well Survey
Project # TDD F1-8010-03
Date Prepared 2/8/81
Prepared By D. Cook

Depth, Ft. (M) Description



recycled paper

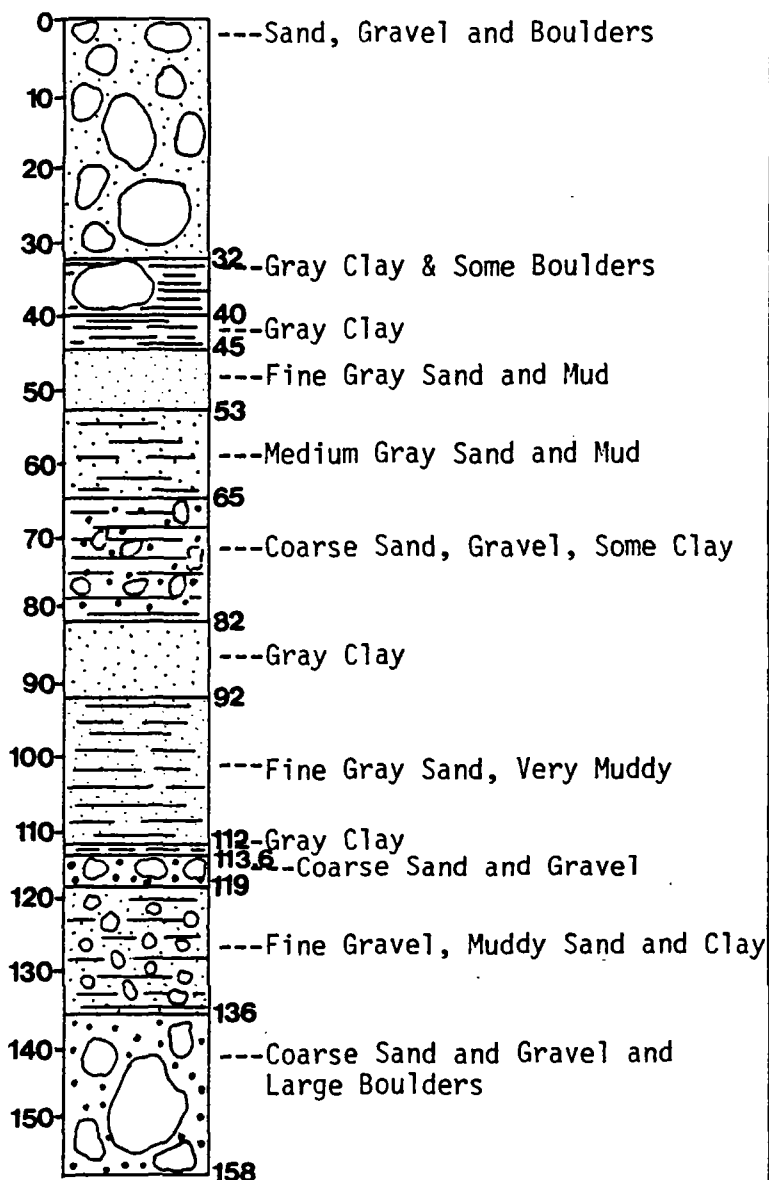
Well No. (AG 2) S58
Location Winchester, MA
Owner Gen. Foods, Atlantic Gelatin
Ground Elev. 32 ft
Driller Layne
Drilling Completed 10/15/36
Type of Rig
----- WELL DATA -----
Hole Diam. 18"
Depth 100'
Casing Diam. 24"
Casing Depth 44.5
Screen Diam. 18"
Screen Setting
Screen Type #2
Well Type Industrial
----- TEST DATA -----
Static Water Level 21'
Date Measured 11/23/36
Pumping Depth 29'
Test Duration
Pumping Rate 1000 GPM
Test Date 11/23/36
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples 6
Type of Samples
Priority Scan
Date Sampled 2/4/81
Samplers D. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutants
Split Samples to W. Collins
Atlantic Gelatin
Comments
----- REMARKS -----
Courtesy - Bill Collins,
Atlantic Gelatin Division
of General Foods Corp.
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 40
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 2/8/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (AG 5) S59
Location Winchester

Owner Atlantic Gelatin
Ground Elev. _____
Driller Layne
Drilling Completed 3/11/57
Type of Rig _____

----- WELL DATA -----
Hole Diam. 18"
Depth 156'
Casing Diam. 24"
Casing Depth 138'
Screen Diam. 18"
Screen Setting 141'-156'
Screen Type _____
Well Type Industrial

----- TEST DATA -----
Static Water Level 19'
Date Measured 11/20/57
Pumping Depth 80'
Test Duration _____
Pumping Rate 820 GPM
Test Date 11/20/57
Test Type _____
Pump Setting 115'3"
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes ☒ No ☐
No. of Samples 6
Type of Samples Priority Scan

Date Sampled 2/4/81
Samplers D. Cook, P. Clay
Will be Analyzed for
129 Priority Pollutants

Split Samples to W. Collins
Atlantic Gelatin
Comments _____

----- REMARKS -----
Courtesy Bill Collins -
Atlantic Gelatin Division of
General Foods Corp.

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

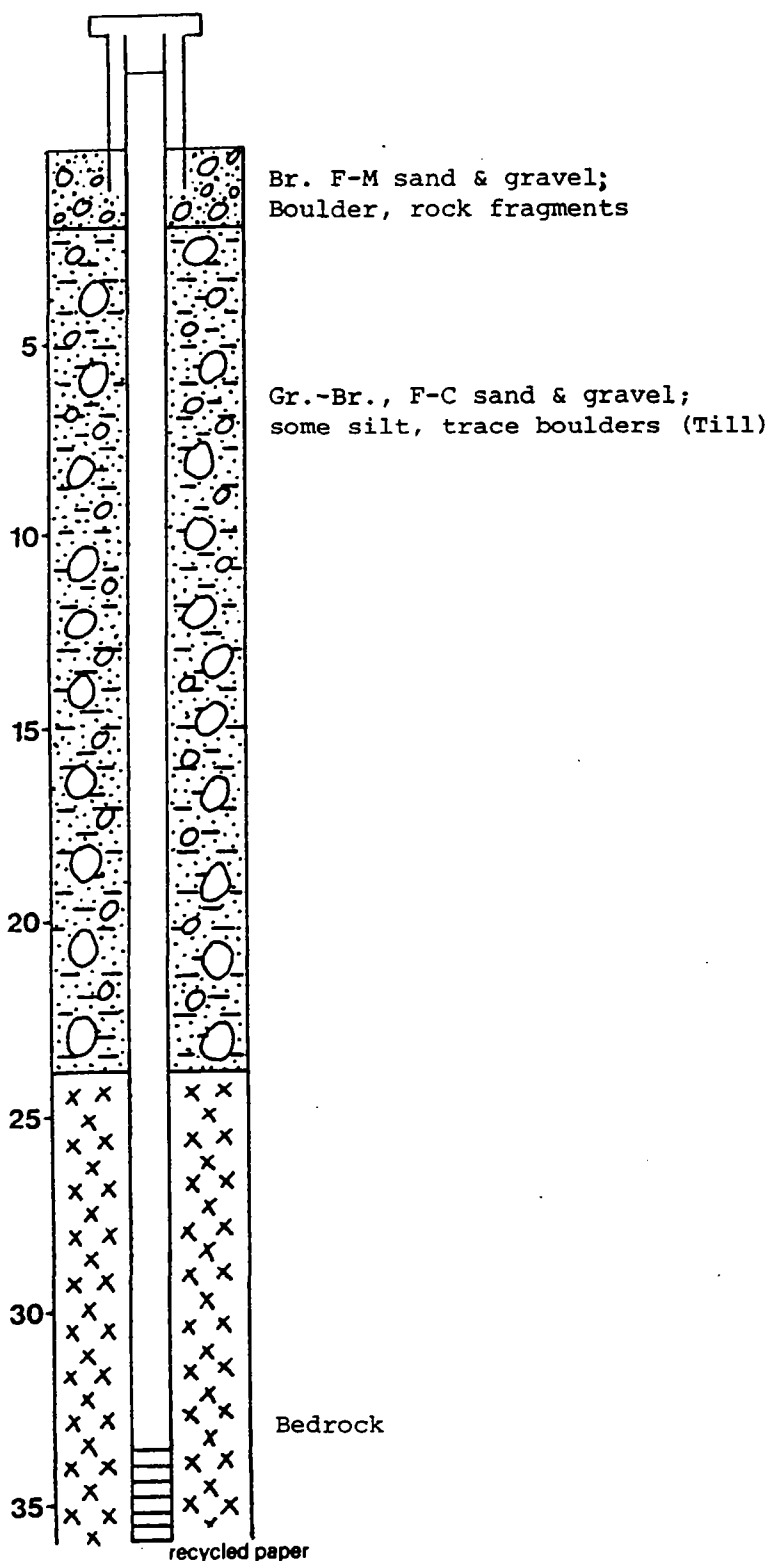
Well Log # 126/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E41) S60

Location Woburn, MA



Owner MDC
Ground Elev. 122.4' MSL
Driller Guild Drilling Co., Inc.
Drilling Completed 8/7/81
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. 1.4" ID
Depth 54' 1"
Screen Diam. 1.4" ID
Screen Setting 34' 1" - 44' 1"
Screen Type Schedule 80 PVC
0.01" Slot
Well Type Monitoring
Static Water Level 26' 2"
Date Measured 10/30/81
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples Priority
Pollutants
Date Sampled 11/30/81
Samplers Cook, Porter
Will be Analyzed for

Sampled for Volatile Organics
11/3/81

REMARKS

Well Log Courtesy of Haley &
Aldrich, Inc. 238 Main Street
Cambridge, MA

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

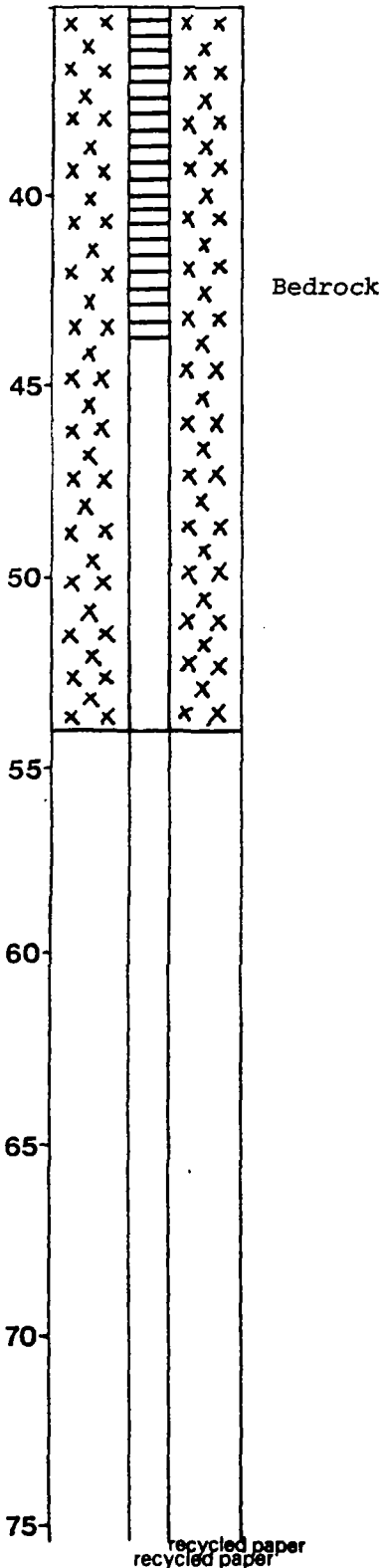
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 126/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared _____
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E41) S60
Location _____



Owner _____
Ground Elev. _____
Driller _____
Drilling Completed _____
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. _____
Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type _____
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes _____ No _____
No. of Samples _____
Type of Samples _____
Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS

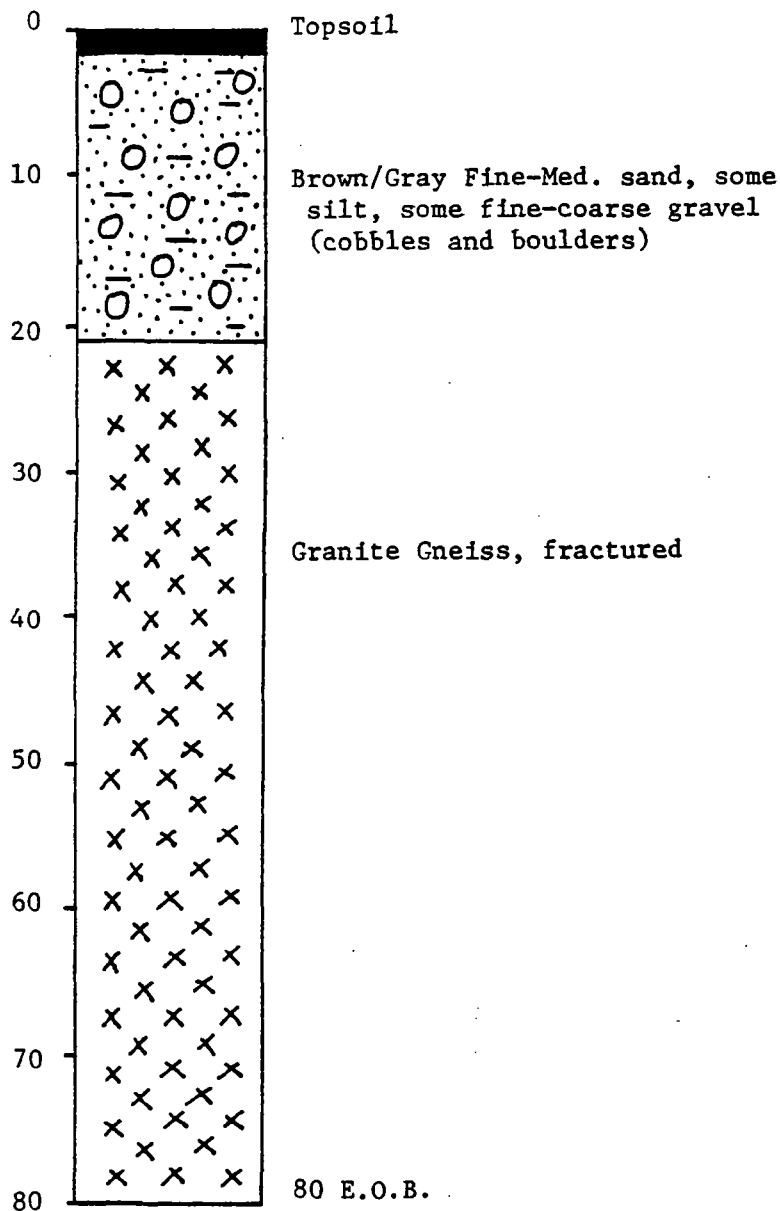
SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log #
Project Name Woburn Well Survey
Project # F1-8109-02
Date Prepared 1/18/82
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. S 61 (BW-7)
Location Reading, MA @ intersection of Rts 128 and 93
Owner MDC
Ground Elev. 104 Ft, MSL
Driller Guild Drilling
Drilling Completed 12/29/81
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 80 ft.
Casing Diam. 1 1/2"
Casing Depth 15'
Screen Diam. 1 1/2"
Screen Setting 15'-20'
Screen Type
Well Type Monitoring

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes x No
No. of Samples 5
Type of Samples
Priority Pollutant

Date Sampled 1/20/82
Samplers E&E, Inc.
Will be Analyzed for
129 Priority Pollutants

Split Samples to

Comments

----- REMARKS -----

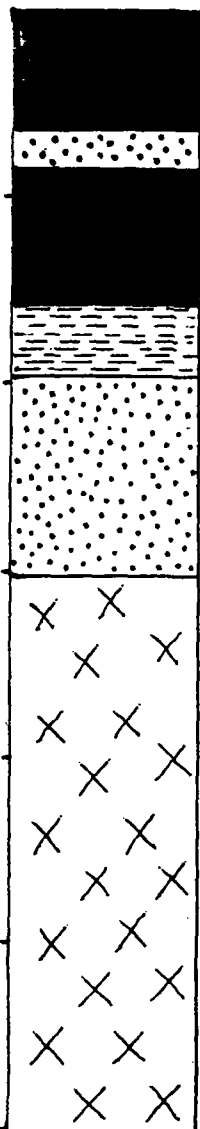
Courtesy of Geotechnical Engineers
Winchester, MA

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log #
Project Name Woburn Groundwater
Project # F1-8109-02
Date Prepared March 18, 1982
Prepared By D. Cook

Depth, Ft. (M)

Description



Fill

Gray-brown, F-M sand

Peat

Peaty organic silt

Orange-brown, F-M sand

Bedrock-Pink granodiorite

Well No. S 62 (BS-2)

Location Stoneham, MA

Owner MDC

Ground Elev. _____

Driller Guild Drilling

Drilling Completed 12/16/81

Type of Rig _____

----- WELL DATA -----

Hole Diam. _____

Depth 60' 4"

Casing Diam. 1 1/2"

Casing Depth 5'

Screen Diam. 15'

Screen Setting 10' - 15'

Screen Type _____

Well Type Monitoring

----- TEST DATA -----

Static Water Level _____

Date Measured _____

Pumping Depth _____

Test Duration _____

Pumping Rate _____

Test Date _____

Test Type _____

Pump Setting _____

Specific Gravity _____

Final Pump Capacity _____

Final Pump Setting _____

Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes X No _____

No. of Samples 5

Type of Samples Priority

Pollutant _____

Date Sampled 1/20/81

Samplers E&E Inc.

Will be Analyzed for _____

129 Priority Pollutant

Split Samples to _____

Comments _____

----- REMARKS -----

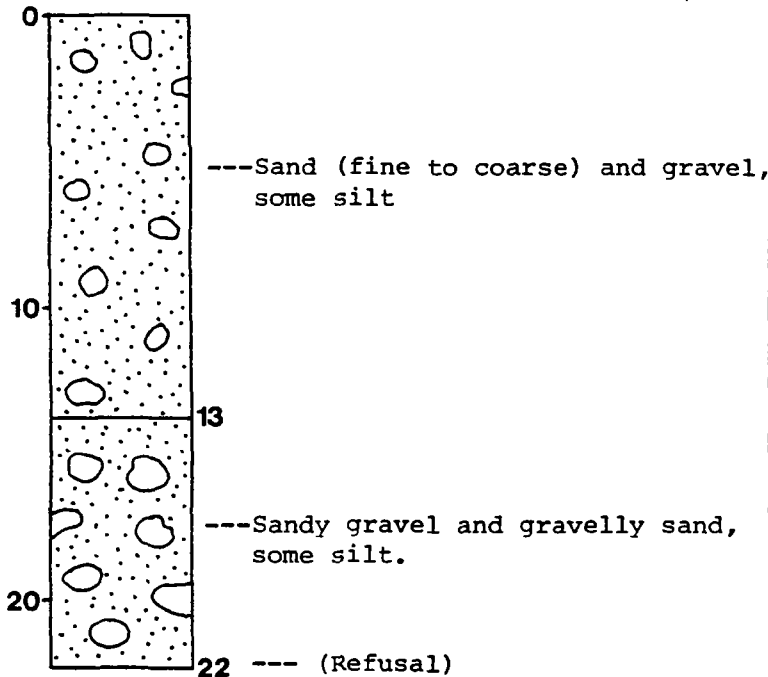
Courtesy of Geotechnical
Engineers Inc., Winchester, MA

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 15
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW3) 63
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 85 1/2 in.
Driller Carr-Dee Test Boring
Drilling Completed 11/1/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1 1/2 in.
Depth 22 ft.
Casing Diam. 3 1/2 in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----
Static Water Level 4.2 ft.
Date Measured 12/6/78
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

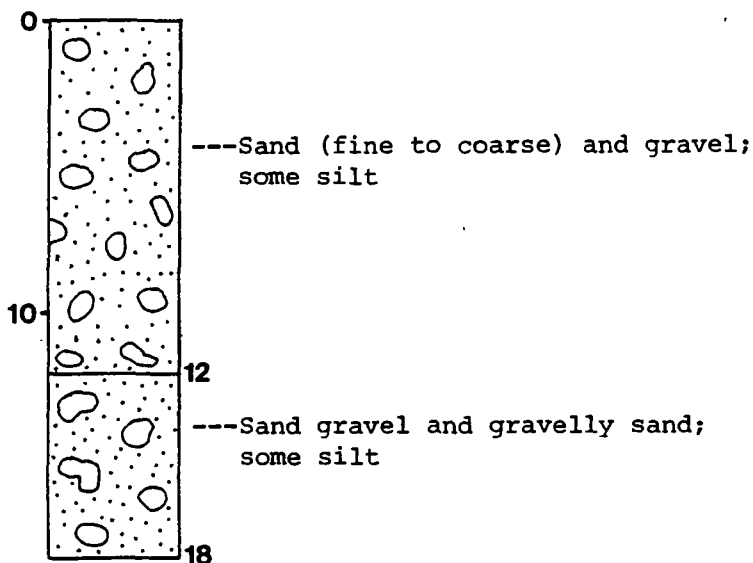
----- REMARKS -----
From Geotechnical Engineers
Inc (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 18
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW6) 64
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemical
Ground Elev. 87 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/28/77
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1½ in.
Depth 18 ft.
Casing Diam. 3½ in.
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Observational

----- TEST DATA -----

Static Water Level 5' 11"
Date Measured 11/12/80
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____

Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes X No _____
No. of Samples _____
Type of Samples _____
Screening VOA _____

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for _____
Volatile Organics

Split Samples to D Vaughn-Olin

Comments _____

----- REMARKS -----

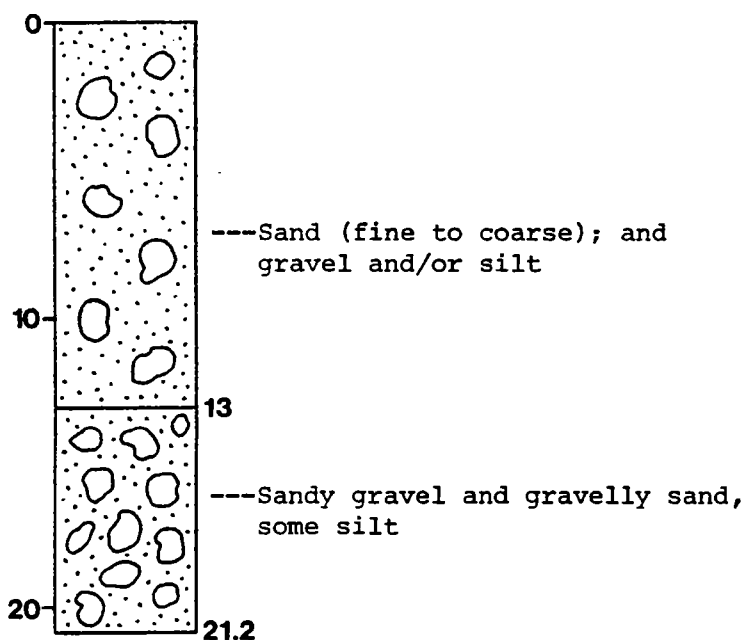
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 13
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW-1) 65
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 88 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/26/77
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/2 in.
Depth 21.2 ft.
Casing Diam. 3 1/2 in.
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Observational

----- TEST DATA -----

Static Water Level 11' 4"
Date Measured 11/12/80
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes X No _____
No. of Samples 1
Type of Samples Screening

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for _____
Volatile Organics

Split Samples to D. Vaughn -Olin

Comments _____

----- REMARKS -----

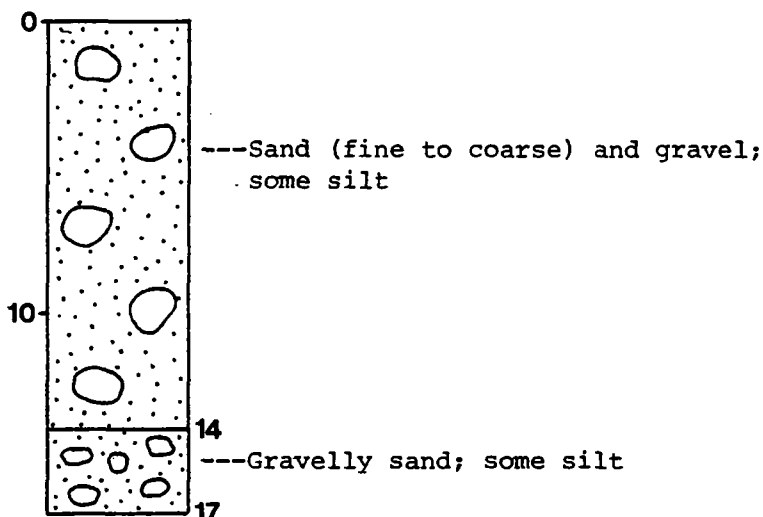
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 23
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW11) 66
Location Corner of Eames Street
and B&M Railroad, Wilmington
Owner Olin Chemical
Ground Elev. 86 feet
Driller Carr-Dee
Drilling Completed 10/31/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1 1/2 in.
Depth 17 ft.
Casing Diam. 3 1/2 in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----
Static Water Level 6' 3"
Date Measured 11/12/80
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples
Type of Samples Screening

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for
Volatile Organics

Split Samples to D. Vaughn -
Olin

Comments

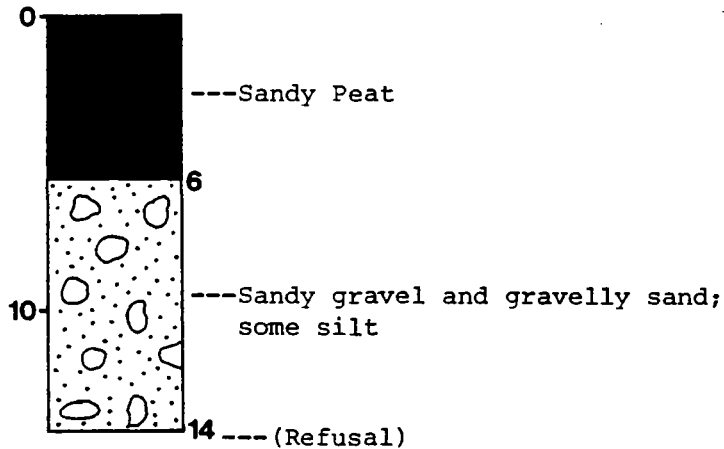
----- REMARKS -----
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 19
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW7) 67
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 83 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/27/77
Type of Rig _____

----- WELL DATA -----
Hole Diam. 1½ in.
Depth 14 ft.
Casing Diam. 3½ in.
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Observational

----- TEST DATA -----
Static Water Level 5' 4"
Date Measured 11/12/80
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

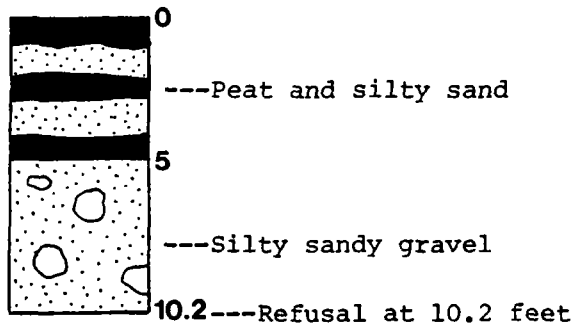
----- REMARKS -----
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 20
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW8) 68
Location Corner of Eames St. and B&M Railroad, Wilmington
Owner Olin Chemical
Ground Elev. 78 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/28/77
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/4 in.
Depth 10.2 ft.
Casing Diam. 3 1/4 in.
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Observational

----- TEST DATA -----

Static Water Level 5' 1"
Date Measured 11/12/80
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____

Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes X No _____
No. of Samples 1
Type of Samples Screening

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for _____
volatile Organics

Split Samples to D Vaughn-Olin

Comments _____

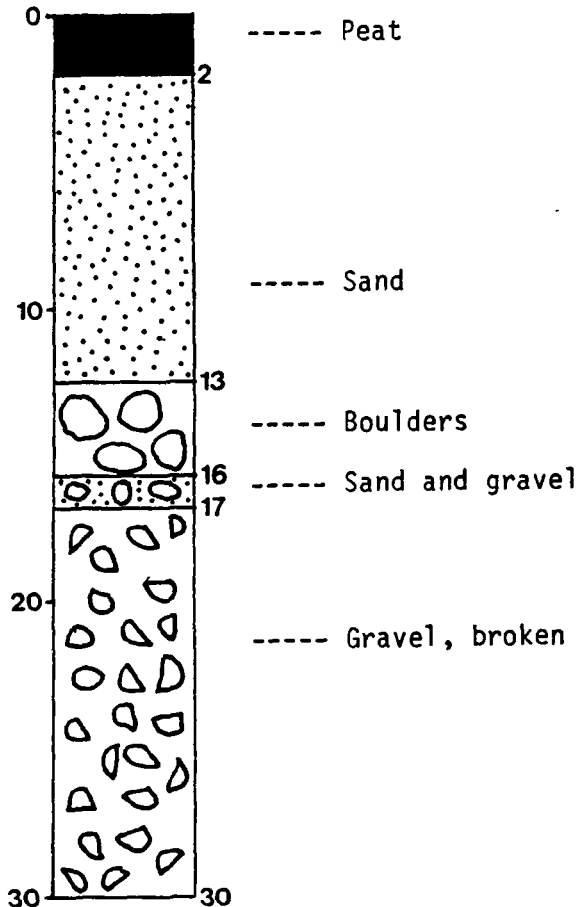
----- REMARKS -----

From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 30
Project Name Woburn Well Survey
Project # TOD FI-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M) Description



Well No. (W192) 69
Location Wilmington

Owner Aberjona Packing
Ground Elev. 75
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----

Hole Diam. 2
Depth 30
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

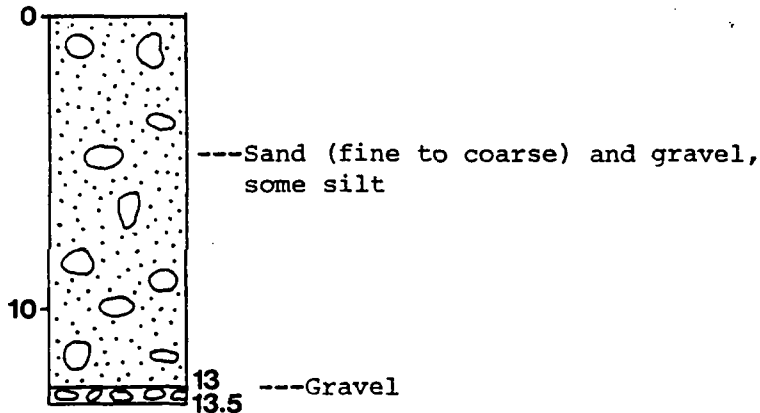
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 16
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW4) 70
Location Corner of Eames St. and
B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 80 ft.
Driller Carr-Dee Test Boring
Drilling Completed 10/31/77
Type of Rig

----- WELL DATA -----

Hole Diam. 1½ in.
Depth 13½ ft.
Casing Diam. 3½ in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----

Static Water Level 2.5 ft
Date Measured 12/6/78
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

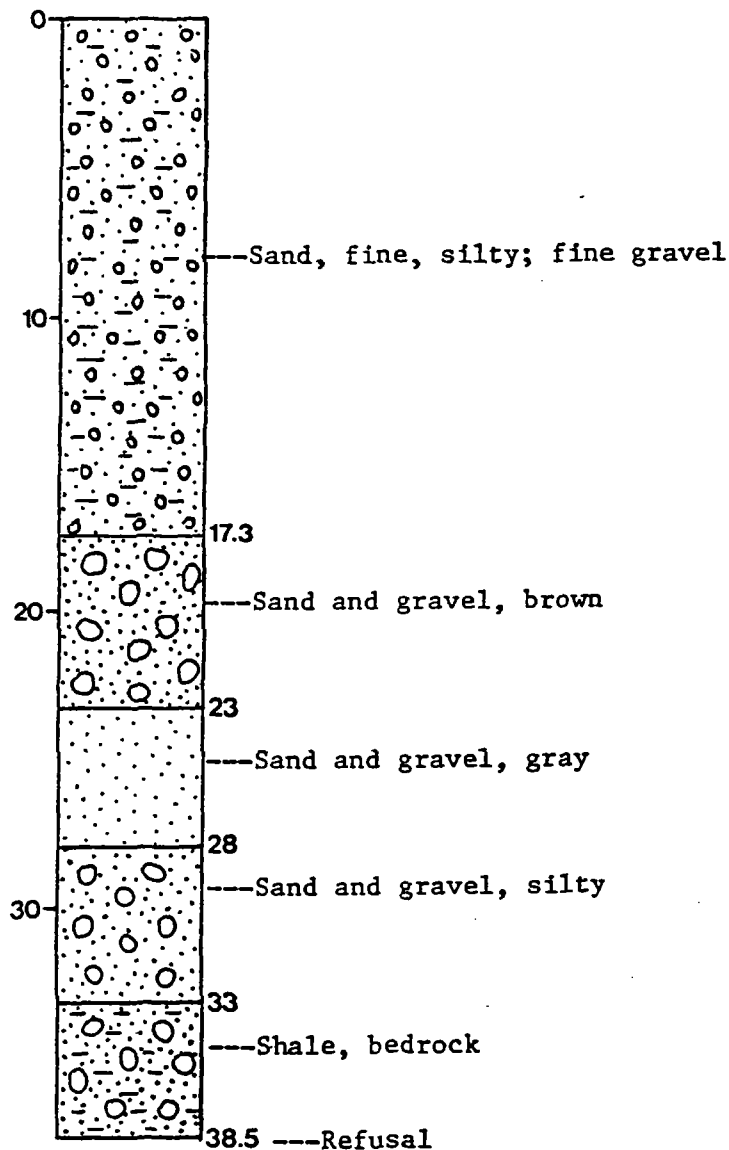
From Geotechnical Engineers
Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 25
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W76) 71
Location Wilmington

Owner Aberjona Packing
Ground Elev. 80
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----

Hole Diam. 2

Depth 38

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test

----- TEST DATA -----

Static Water Level 10

Date Measured 2/45

Pumping Depth

Test Duration 4 hr.

Pumping Rate 72

Test Date 4/25

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

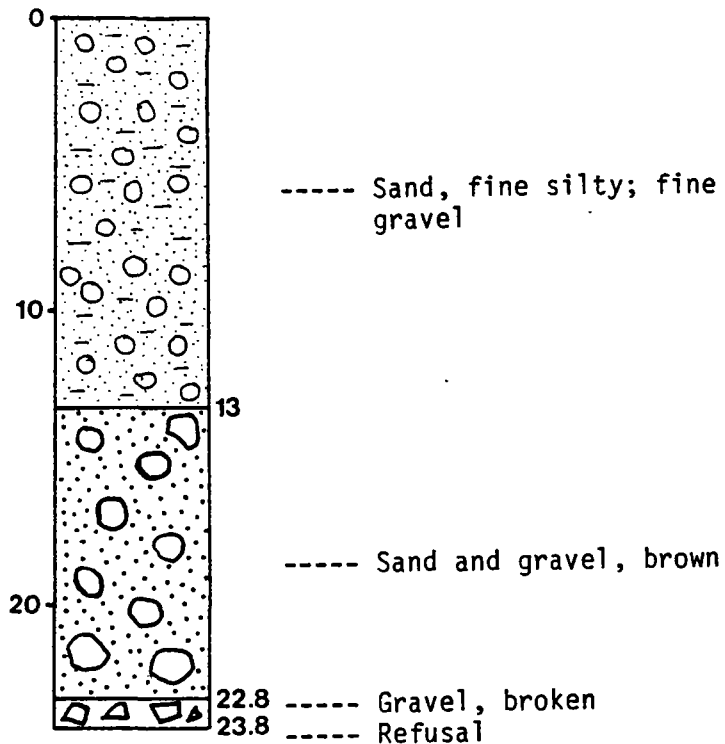
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 26
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W77) 72
Location Wilmington

Owner Aberjona Packing
Ground Elev. 80
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----
Hole Diam. 2
Depth 24
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 6
Date Measured February 1945
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

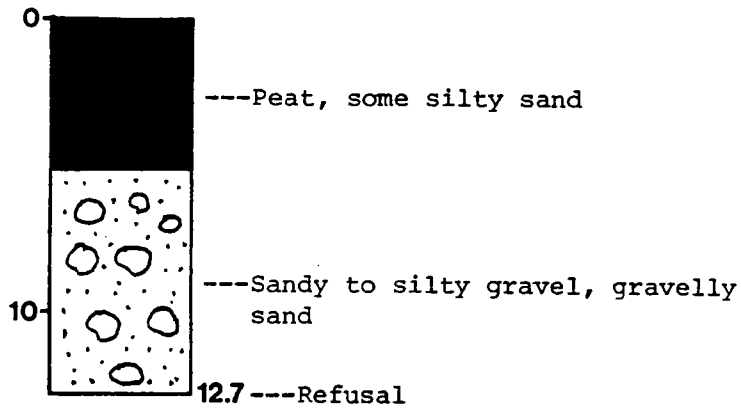
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 24
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW12) 73
Location Eames St. and B&M Railroad, Wilmington
Owner Olin Chemicals
Ground Elev. 82 ft.
Driller Carr-Dee
Drilling Completed 11/2/77
Type of Rig

----- WELL DATA -----
Hole Diam. 1½ in.
Depth 12.7 ft.
Casing Diam. 3½ in.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Observational

----- TEST DATA -----
Static Water Level 4' 7"
Date Measured 11/12/80
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes x No
No. of Samples
Type of Samples Screening

Date Sampled 11/12/80
Samplers P. Clay
Will be Analyzed for
Volatile Organics

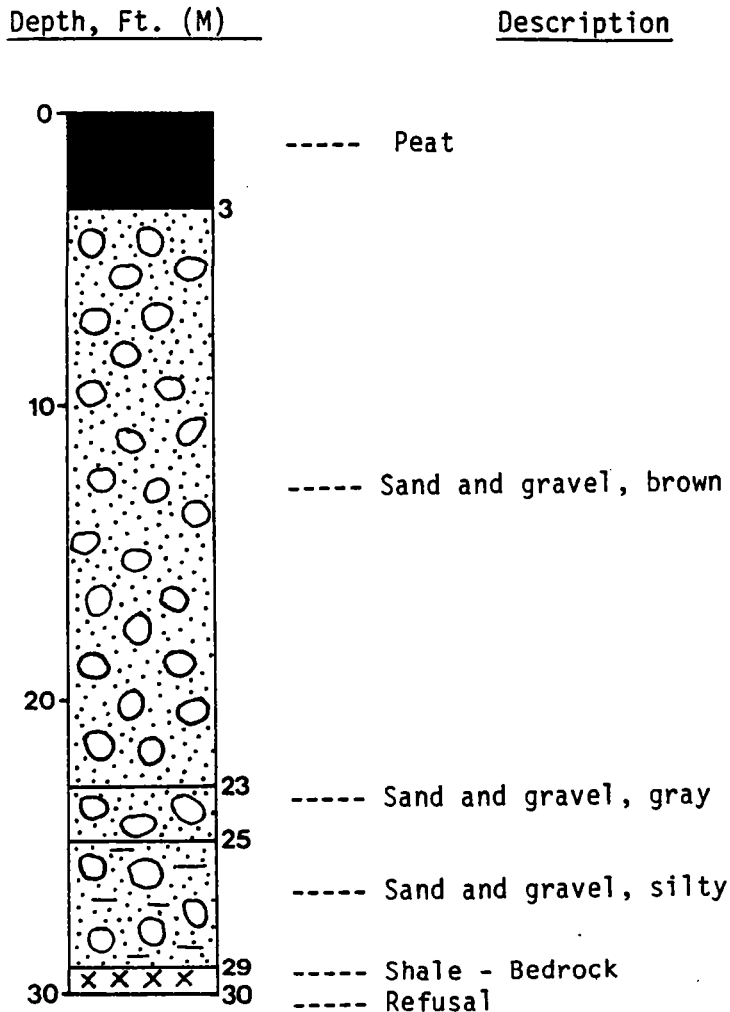
Split Samples to D. Vaughn-Olin

Comments

----- REMARKS -----
From Geotechnical Engineers Inc. (1978)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 28
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook



Well No. (W190) 74
Location Wilmington
Owner Aberjona Packing
Ground Elev 75
Driller
Drilling Completed 1945
Type of Rig
----- WELL DATA -----
Hole Diam. 2
Depth 30
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test
----- TEST DATA -----
Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

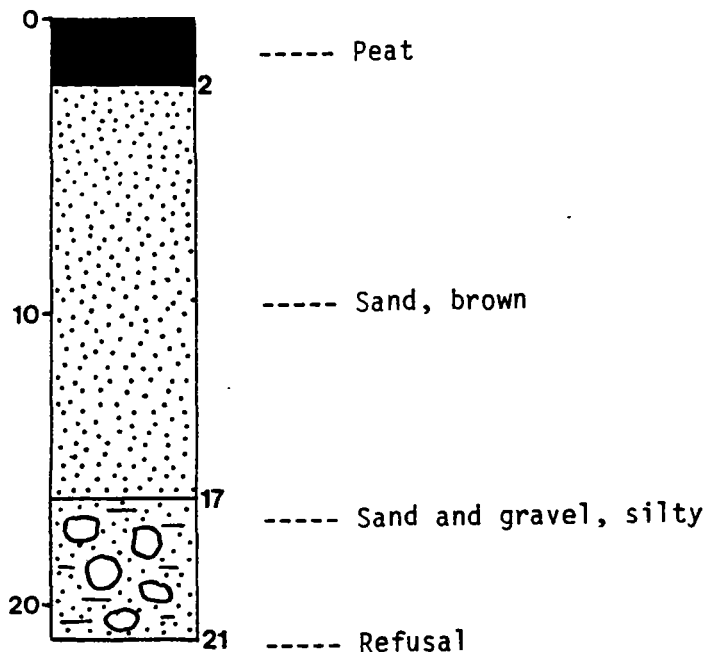
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 29
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W191) 75
Location Wilmington

Owner Aberjona Packing
Ground Elev. 75
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----
Hole Diam. 2
Depth 21
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

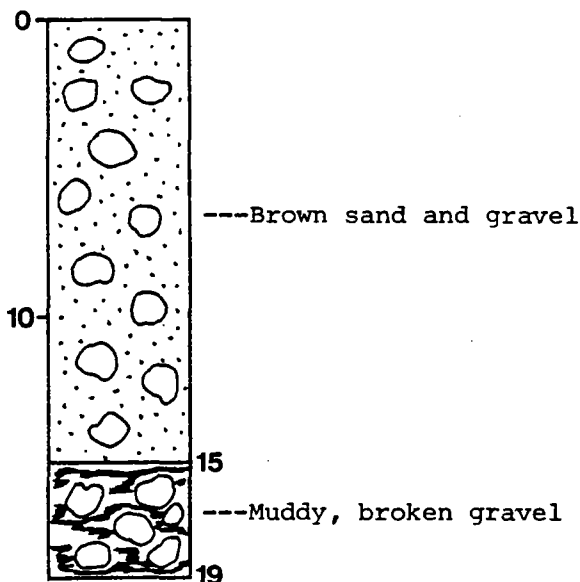
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 82
Project Name Woburn Well Survey
Project # TOD F1-8010-03 A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W 168) 76
Location East end of Cott Beverage
Plant, N. Woburn

Owner Aberjona Packing
Ground Elev. 70 ft.
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 19 ft.

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 5 ft.

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

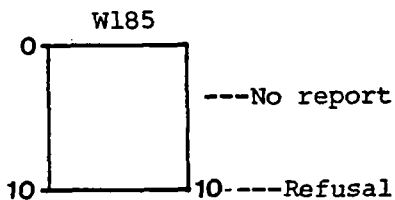
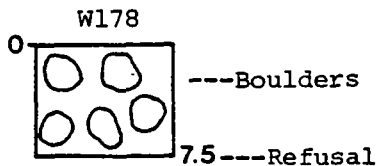
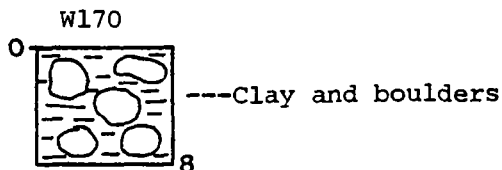
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 83
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. W170, W178, W185 77, 78, 80
Location Woburn

Owner Aberiona Packing
Ground Elev. 75, 80, 75
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----
Hole Diam. 2
Depth 8, 8, 10
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 5, -, 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

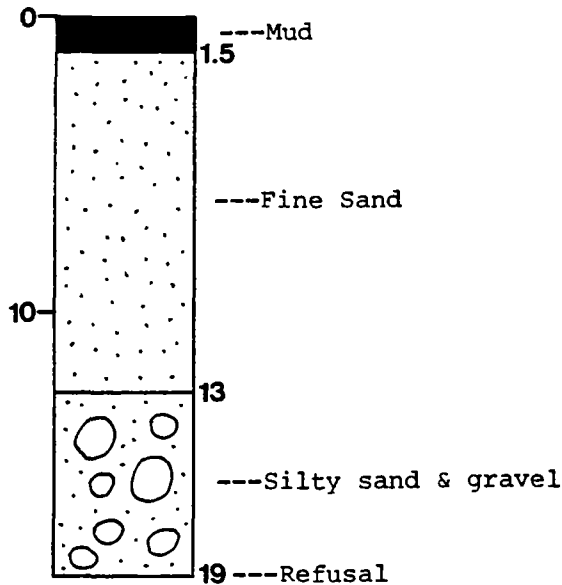
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 4
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W119) 79
Location Along Aberjona River
just West of West St., Reading
Owner Well no longer exists
Ground Elev. 75 ft.
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 19 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

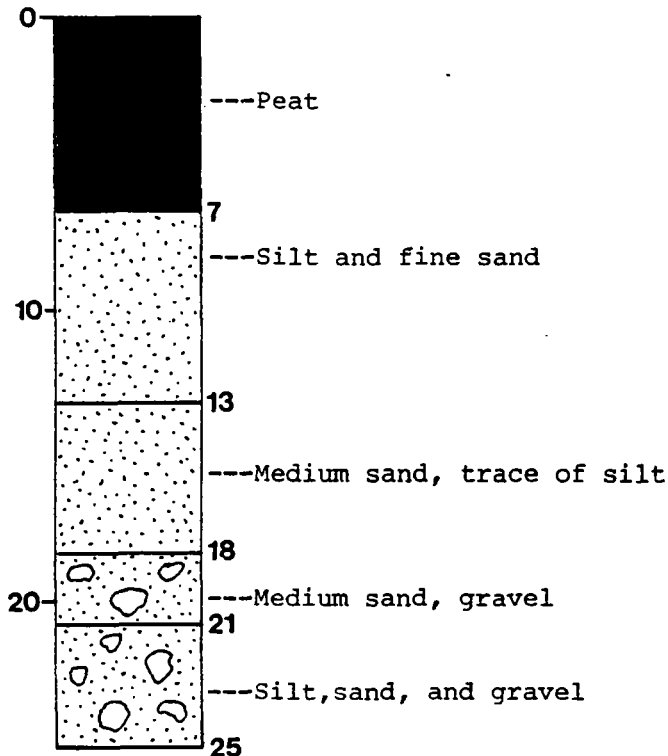
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 59
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B 16) 81
Location Rte. 93, 1.8 miles
North of Rte. 128
Owner State of MA
Ground Elev. 63 Ft.
Driller
Drilling Completed
Type of Rig
----- WELL DATA -----
Hole Diam. 2 in.
Depth 25 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 1 ft.
Date Measured 8-55
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

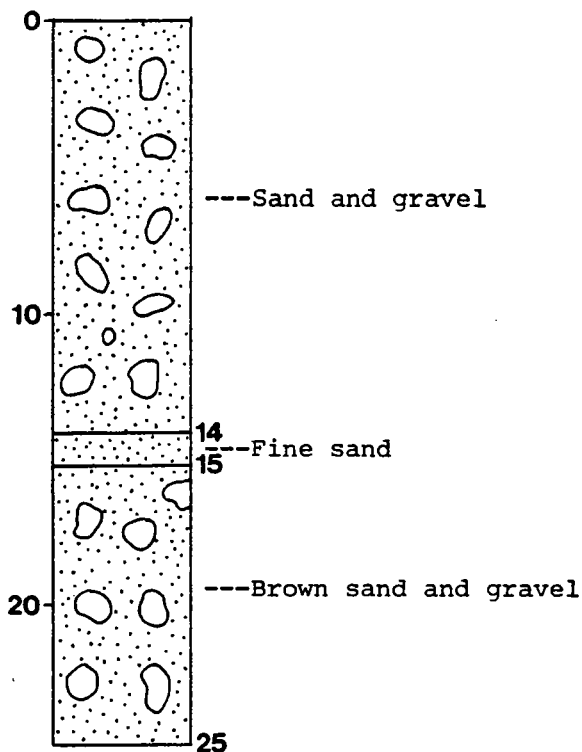
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 81
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 164) 82
Location At South end of pond,
1000 ft. South of W 168
Owner Aberjona Parking
Ground Elev. 70 ft.
Driller
Drilling Completed 1945
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 25 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 5 ft.
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

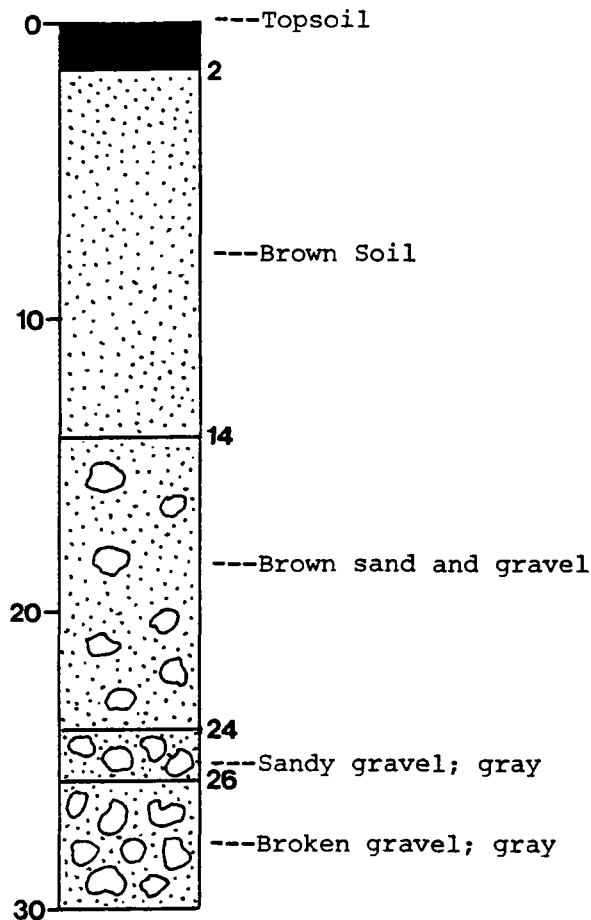
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 84
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (w 176) 83
Location N. Woburn Landfill Area

Owner Aberjona Packing
Ground Elev. 70 ft.
Driller
Drilling Completed ?
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 28 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 0 ft.
Date Measured 2-45
Pumping Depth
Test Duration 3 hrs.
Pumping Rate 92 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

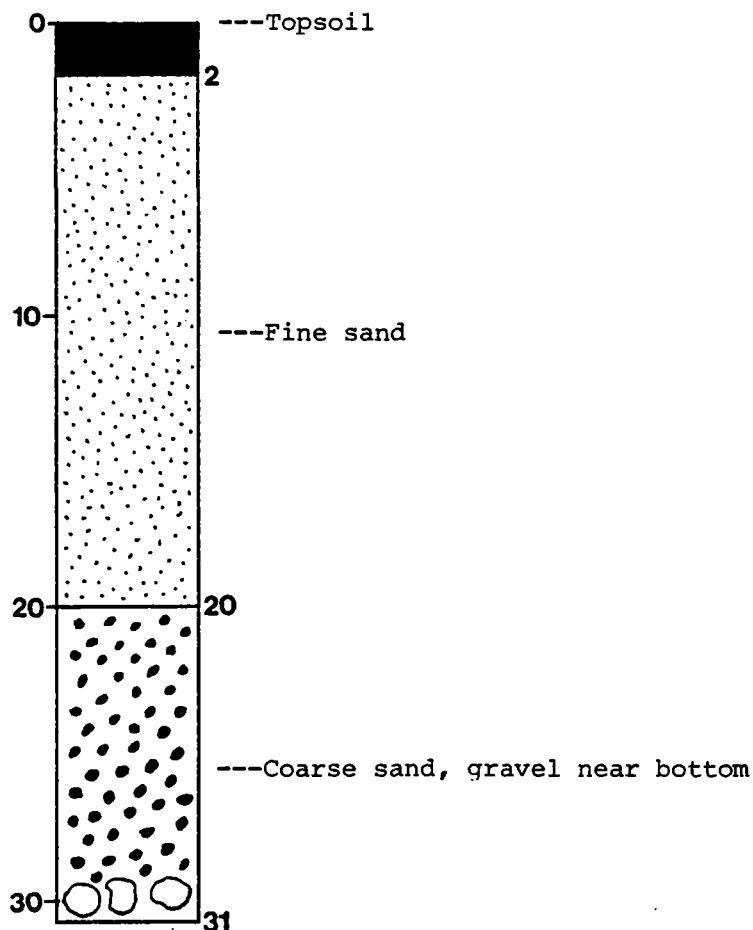
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 85
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No.(w 183) 84
Location N. Woburn Landfill

Area

Owner Aberjona Packing

Ground Elev. 70 ft.

Driller

Drilling Completed 1945

Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.

Depth 28 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 0 ft.

Date Measured 1945

Pumping Depth 8 ft. DD

Test Duration 5 hrs.

Pumping Rate 100 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

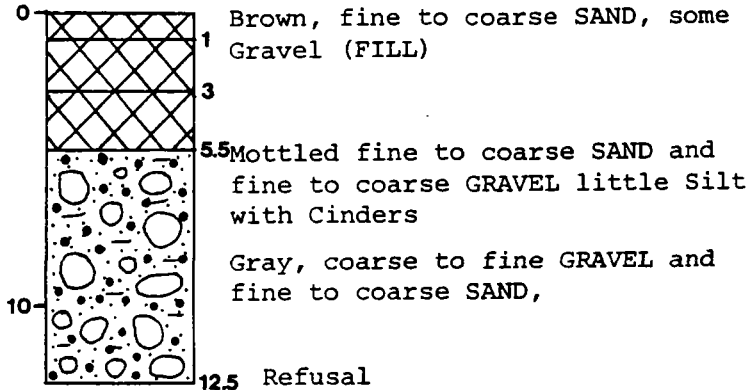
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 67
Project Name Woburn Well Survey
Project # TDD F1-8010-03a
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (GZ-1) 85
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/12/81
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1.5 in.
Depth 12.5 ft.
Casing Diam. 6 in.
Casing Depth 5-7.5'
Screen Diam. 1.5 in.
Screen Setting _____
Screen Type _____
Well Type Monitoring

----- TEST DATA -----

Static Water Level 6.5
Date Measured 1/12/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No ☒
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

Courtesy John Ayres
Goldberg Zoino and Assoc, Inc.
Newton, MA

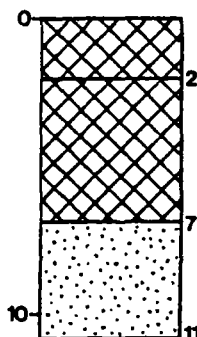
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 64
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



FILL

Brown and black GRANULAR FILL,
some Coal

Black, fine to medium SAND, little
Silt

Gray to black, fine to medium
SAND little Silt

Bottom of boring at 11.0'

Well No. (B 14 A) 86
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr Dee
Drilling Completed 1/19/81
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/2"

Depth 11'

Casing Diam. 6"

Casing Depth _____

Screen Diam. 1 1/2"

Screen Setting _____

Screen Type _____

Well Type _____

----- TEST DATA -----

Static Water Level 5.7'

Date Measured 1/19/81

Pumping Depth _____

Test Duration _____

Pumping Rate _____

Test Date _____

Test Type _____

Pump Setting _____

Specific Gravity _____

Final Pump Capacity _____

Final Pump Setting _____

Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No ☒

No. of Samples _____

Type of Samples _____

Date Sampled _____

Samplers _____

Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

Courtesy of John Ayres

Goldberg Zoino and Assoc.
Inc. Newton, MA

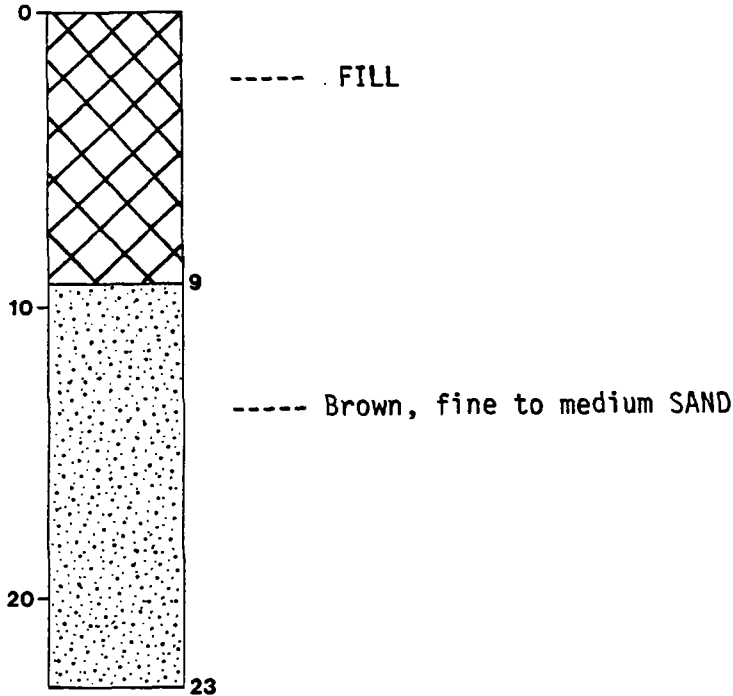
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 62
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (B-6A) 87
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/19/81
Type of Rig _____

----- WELL DATA -----
Hole Diam. 1 1/2"
Depth 23'
Casing Diam. _____
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting 6.4-11.4
Screen Type _____
Well Type Monitoring

----- TEST DATA -----
Static Water Level 5.4'
Date Measured 1/19/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes _____ No ☒
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----
Courtesy of John Ayres-Goldberg
Zoino and Assoc. Inc, Newton,
MA. _____

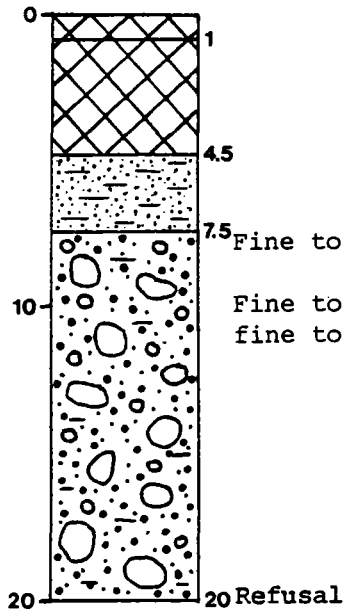
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 70
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Fine to medium SAND

Fine to coarse gray GRAVEL and
fine to coarse SAND

Well No. (GZ-4) 88
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/15/81
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/2"
Depth 20'
Casing Diam. _____
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting 4.65-6.65'
Screen Type _____
Well Type _____

----- TEST DATA -----

Static Water Level 8.15'
Date Measured 1/16/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____

Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

Courtesy of John Ayres
Goldberg Zoino and Assoc. Inc.
Newton, MA

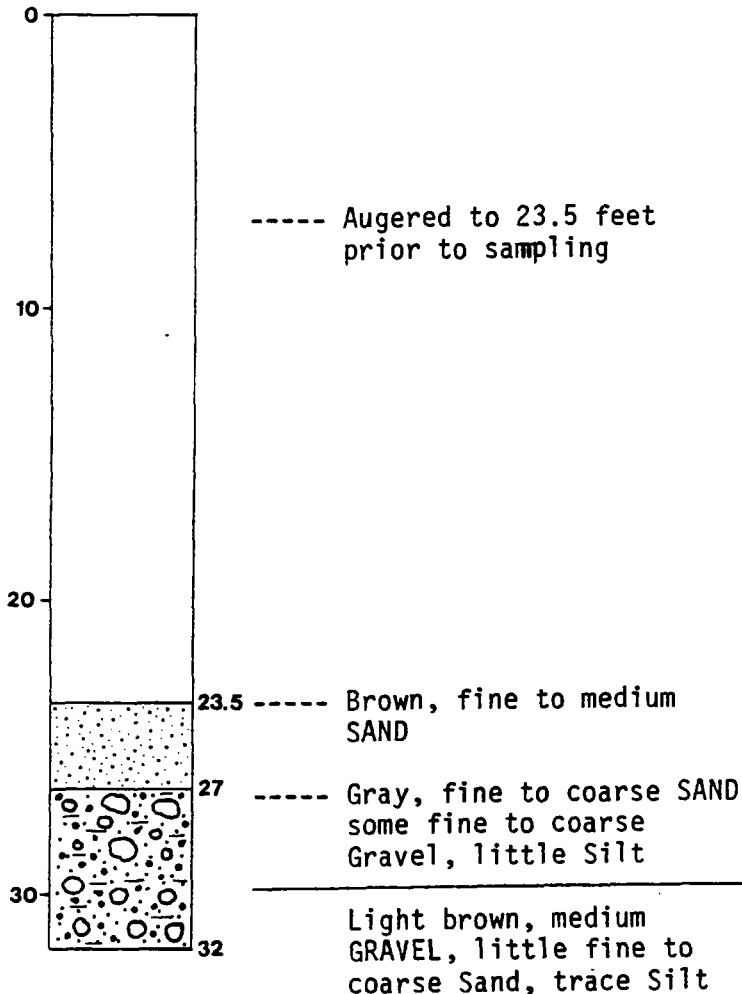
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 60
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (B-2A) 89
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/16/81
Type of Rig _____

----- WELL DATA -----
Hole Diam. 1 1/2"
Depth 32'
Casing Diam. 6"
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting 17.5 - 22'
Screen Type _____
Well Type Monitoring

----- TEST DATA -----
Static Water Level 9.65'
Date Measured 1/16/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No ☒
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----
Courtesy of John Ayres-Goldberg
Zoino and Assoc. Inc., Newton
MA

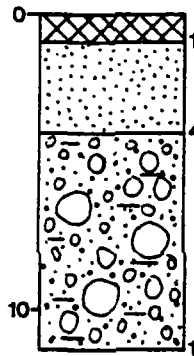
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 63
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Fill

Light brown, medium SAND, trace
medium Gravel, trace Silt

Fine to coarse GRAVEL and fine
to coarse SAND, trace + Silt
(GLACIAL TILL)

Medium GRAVEL and SAND, trace
Silt

Refusal of A-rod @11.8 feet

Well No. (P 9A) 90
Location Woburn

Owner Janpet Associates
Ground Elev. _____
Driller Carr-Dee
Drilling Completed 1/15/81
Type of Rig _____

----- WELL DATA -----

Hole Diam. 1 1/2"
Depth 11.8'
Casing Diam. 6"
Casing Depth _____
Screen Diam. 1 1/2"
Screen Setting _____
Screen Type _____
Well Type _____

----- TEST DATA -----

Static Water Level 9.05'
Date Measured 1/16/81
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

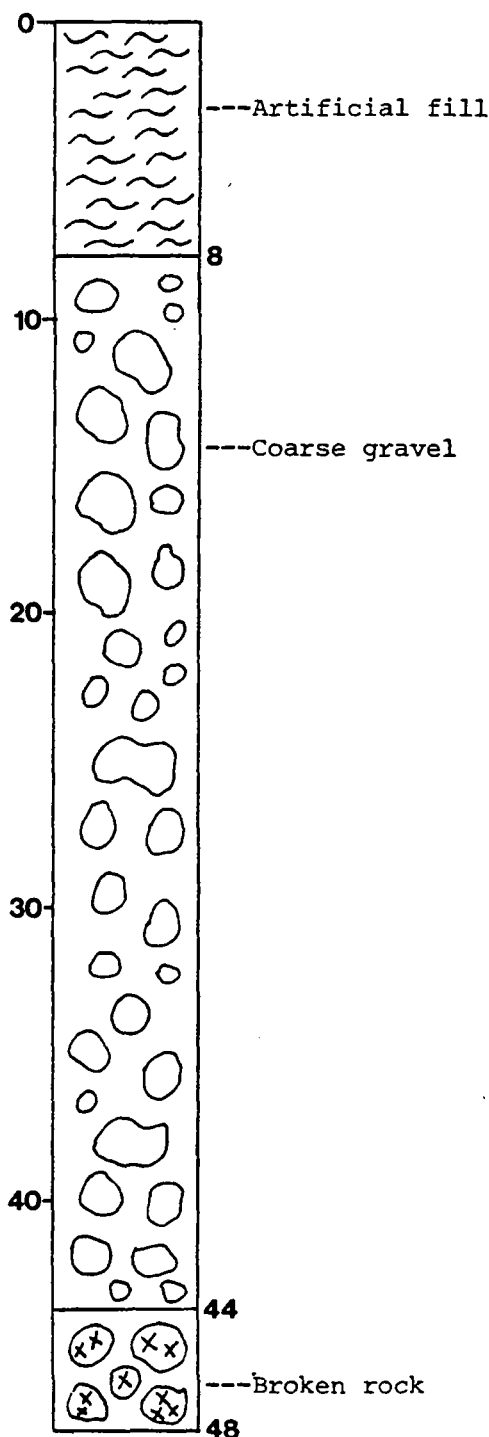
Courtesy John Ayres-Goldberg
Zoino and Assoc., Inc.,
Newton, MA

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 92
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 306) 91
Location 400 ft. northeast of
W 304

Owner Well no longer exists

Ground Elev. 65 ft.

Driller

Drilling Completed 1957

Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.

Depth 48 ft.

Casing Diam.

Casing Depth 42 ft.

Screen Diam.

Screen Setting

Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 4 ft.

Date Measured 11-57

Pumping Depth

Test Duration 2 Hr.

Pumping Rate 80 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

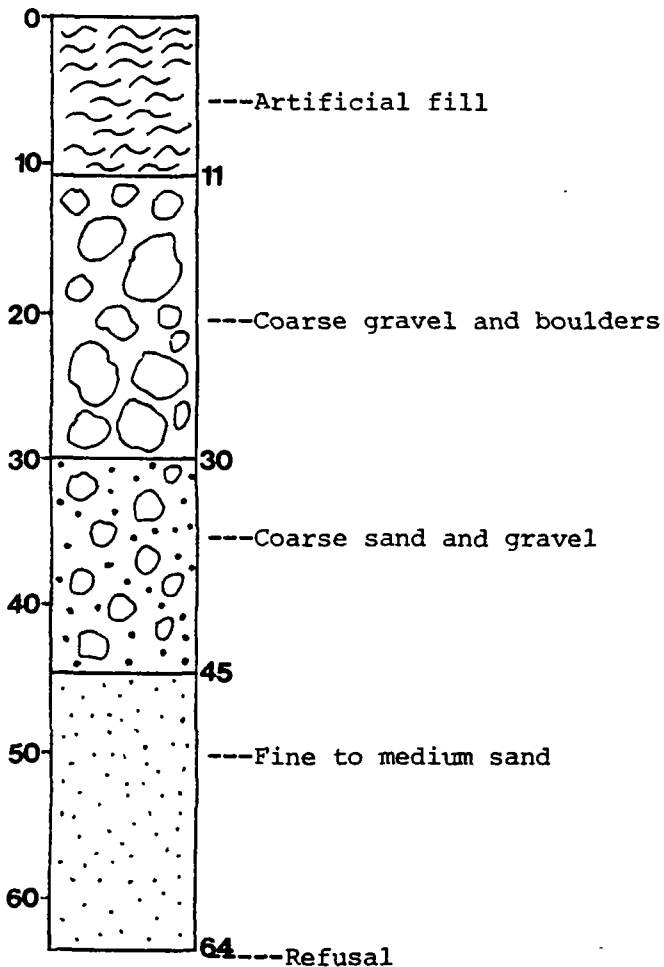
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 90
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (w 304) 92
Location N. Wob. 0.1 mi. north of Halls Brook, east of R & R
Owner well no longer exists
Ground Elev. 65 ft.
Driller _____
Drilling Completed 1957
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 64 ft.
Casing Diam. _____
Casing Depth 45 ft.
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 7
Date Measured 11/57
Pumping Depth _____
Test Duration _____
Pumping Rate 35 GPM
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No X
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

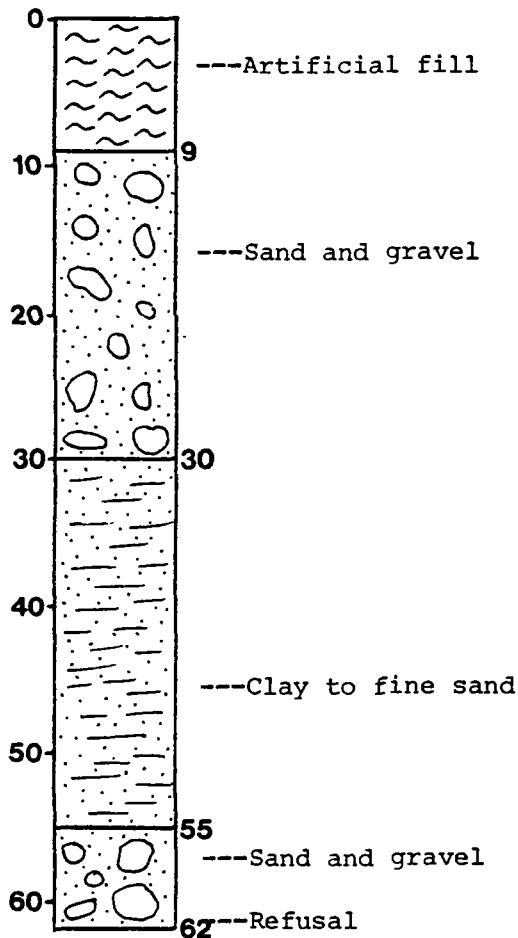
Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 91
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (w 305) 93
Location North end of Halls Brook (Mishawum Lake)
Owner Well no longer exists
Ground Elev. 55 ft.
Driller _____
Drilling Completed 1957
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 62 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 4
Date Measured Nov 1957
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No X
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

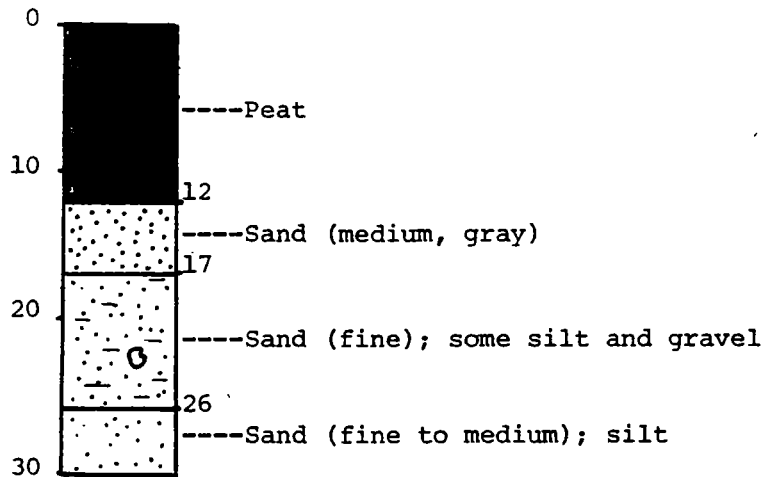
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 53
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (B 7) 94
Location Rte. 93, 1.3 miles
north of Rte. 128
Owner State of MA
Ground Elev. 63 feet
Driller
Drilling Completed 1955
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 30 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 2 feet
Date Measured 8-55
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

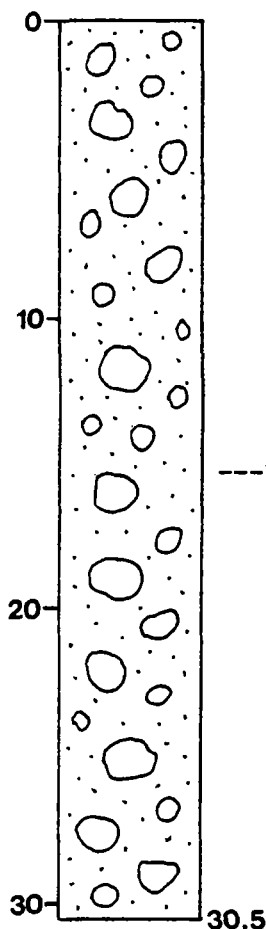
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 94
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



---Fine Sand & Gravel

Well No. (w 371) 101

Location Under Marshalls Ware-
house along Commerce Way, Woburn

Owner well no longer exists

Ground Elev. 70 ft.

Driller

Drilling Completed 1957

Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.

Depth 30.5 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test Unused

----- TEST DATA -----

Static Water Level 5

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

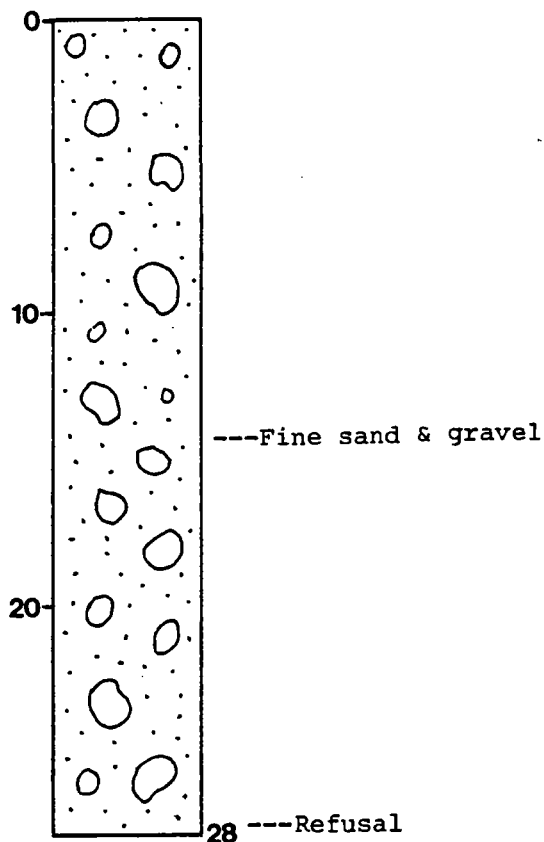
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 98
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W391) 104
Location 0.1 mi. East from
W381
Owner Well no longer exists
Ground Elev. 55 ft.
Driller _____
Drilling Completed 1958
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 28 ft.
Casing Diam. _____
Casing Depth 28 ft.
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 2
Date Measured February 1958
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

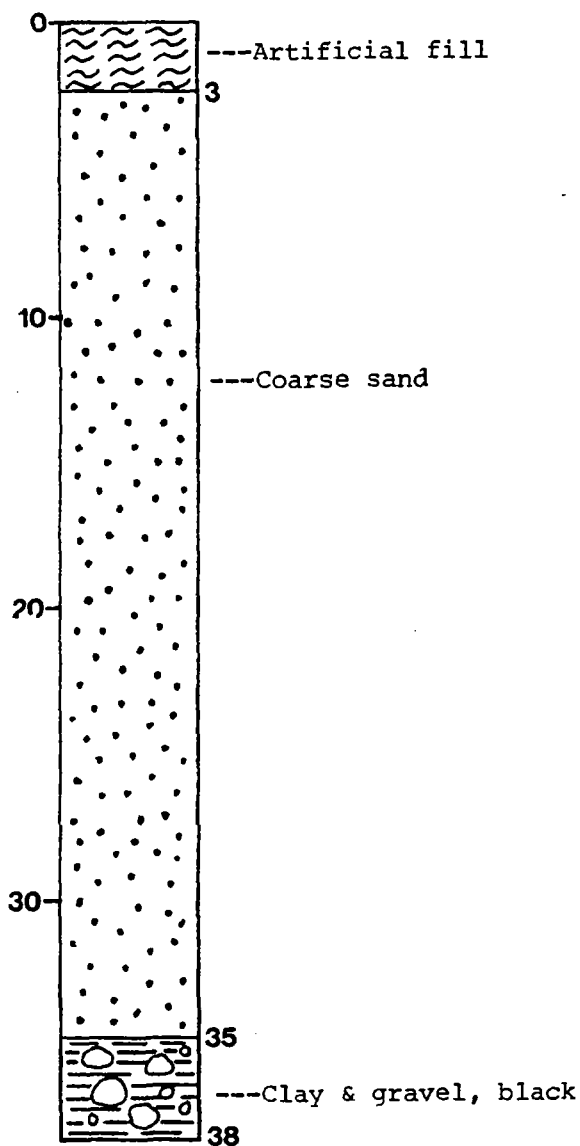
Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 97
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1-5-81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W382) 105
Location 0.2 mi. East of W381

Owner Well no longer exists
Ground Elev. 65 ft.
Driller
Drilling Completed 1957
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 38 feet

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 4
Date Measured August 1957
Pumping Depth
Test Duration 3
Pumping Rate 63
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

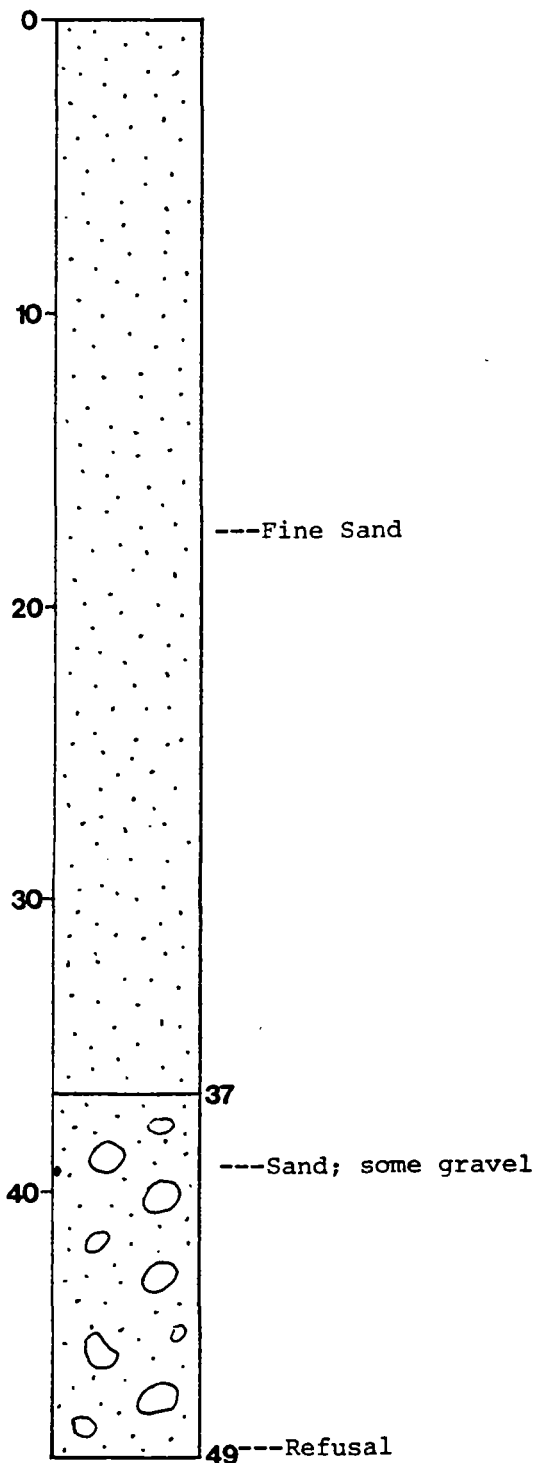
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 96
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1-5-81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



recycled paper

Well No. (W381) 106
Location 0.1 mi. north from W374
Owner Well no longer exists
Ground Elev. 65 ft.
Driller
Drilling Completed 1957
Type of Rig
----- WELL DATA -----
Hole Diam. 2 in.
Depth 49 ft.
Casing Diam.
Casing Depth 49 ft.
Screen Diam.
Screen Setting
Screen Type
Well Type Test-unused
----- TEST DATA -----
Static Water Level 11
Date Measured August 1957
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----
From Delaney and Gay (1980)

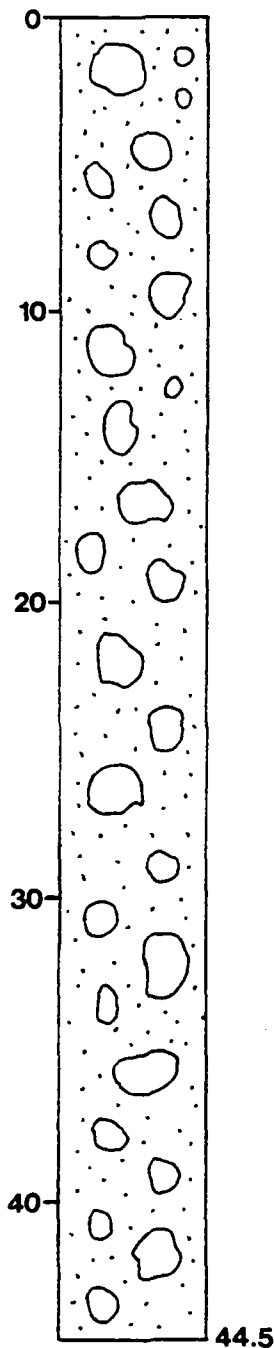
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 95
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By F. D'Nitto

Depth, Ft. (M)

Description



--- Sand & Gravel

Well No. (W374) 107
Location 0.4 mi. North along
Commerce Way from Rt. 128
Owner Well no longer exists
Ground Elev. 60 ft.
Driller _____
Drilling Completed 1957
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 44.5 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 3
Date Measured 6/57
Pumping Depth _____
Test Duration 2
Pumping Rate 67 GPM
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

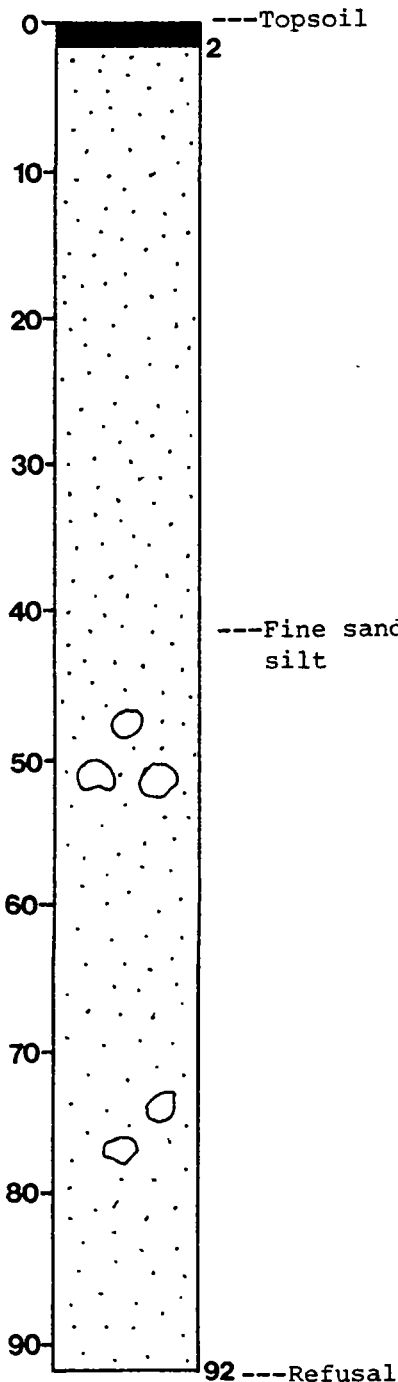
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 112
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared
Prepared By

Depth, Ft. (M)

Description



recycled paper

Well No. (w428) 108
Location 0.2 mi. West of W374

Owner Well no longer exists
Ground Elev. 65 ft.
Driller
Drilling Completed 1959
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.

Depth 92 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 17

Date Measured 8/59

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

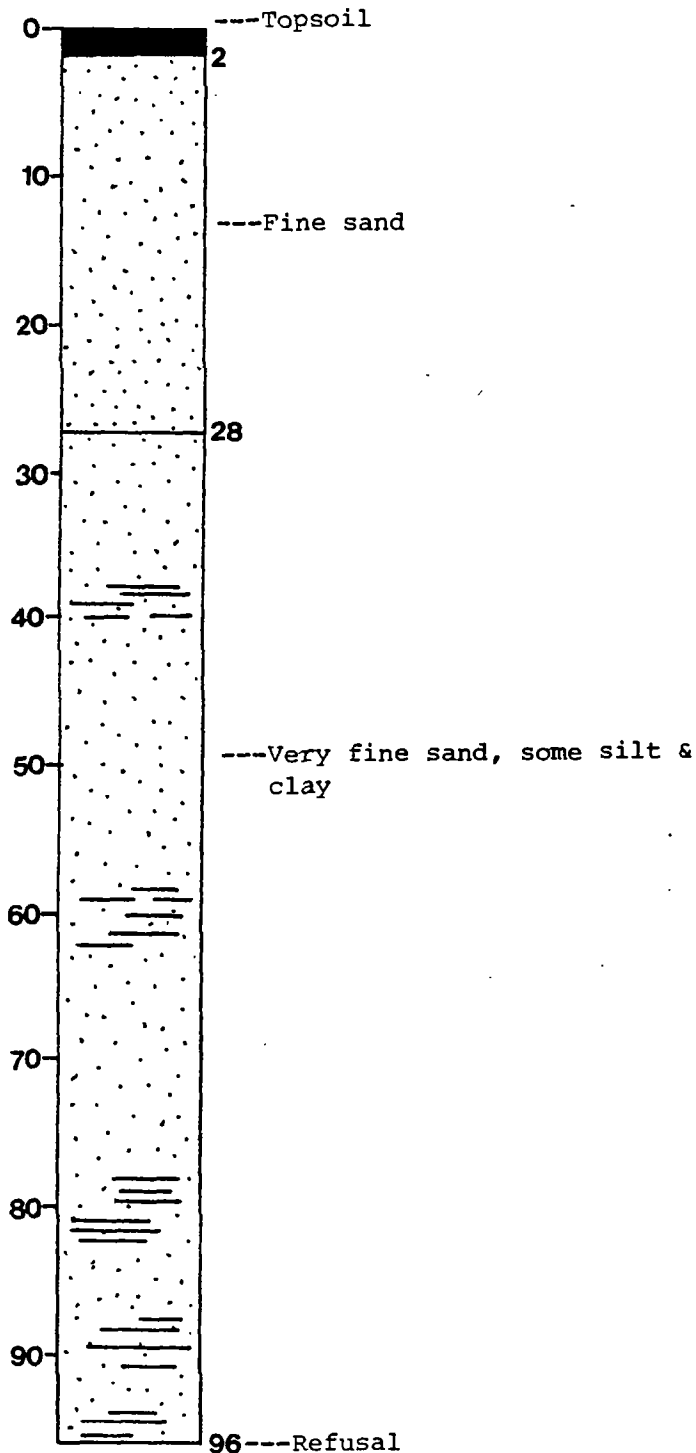
From Delaney and Gay (1980)

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 113
Project Name Woburn Well Survey
Project # TDD F1-8010-03a
Date Prepared 1-5-81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W429) 109
Location Just southeast of W428

Owner Well no longer exists
Ground Elev. 60 ft.
Driller
Drilling Completed 1959
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 96 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 24
Date Measured 8/59
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

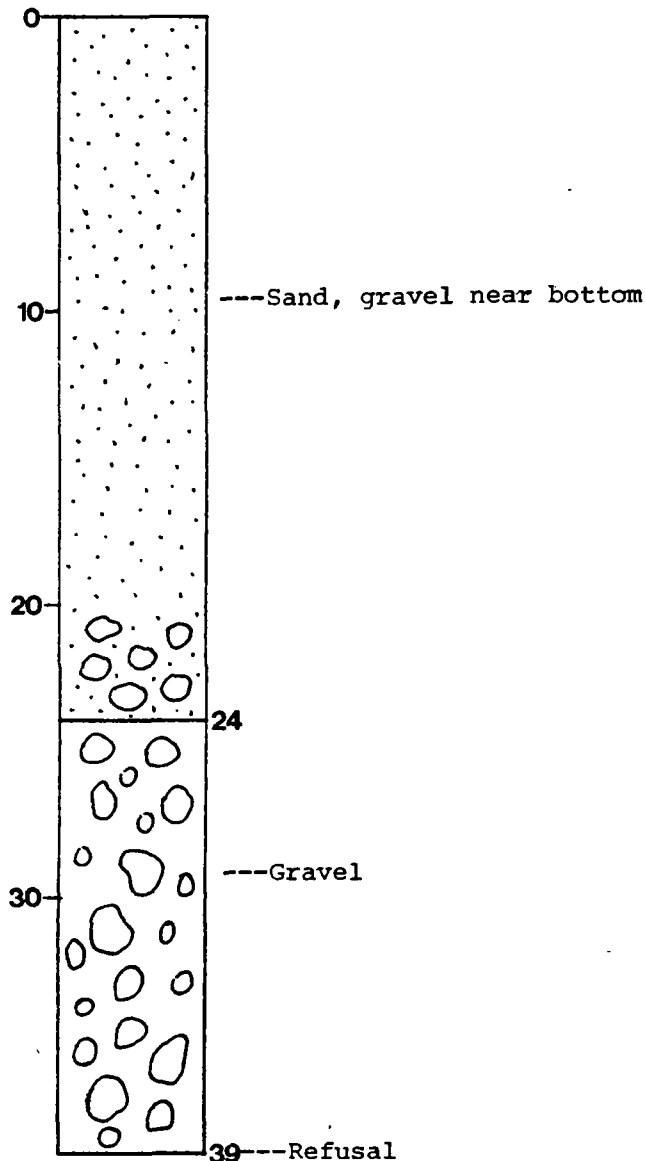
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 76
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W61) 110
Location Within Halls Brook
(formerly Mishawum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1934
Type of Rig

----- WELL DATA -----

Hole Diam. 18 in.
Depth 39 ft.
Casing Diam.
Casing Depth 35 ft.
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----

Static Water Level 4
Date Measured Nov 1934
Pumping Depth
Test Duration
Pumping Rate 276
Test Date
Test Type
Pump Setting

Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes x No
No. of Samples
Type of Samples
Standard Water Quality

Date Sampled 10/21/58
Samplers
Will be Analyzed for

Split Samples to

Comments

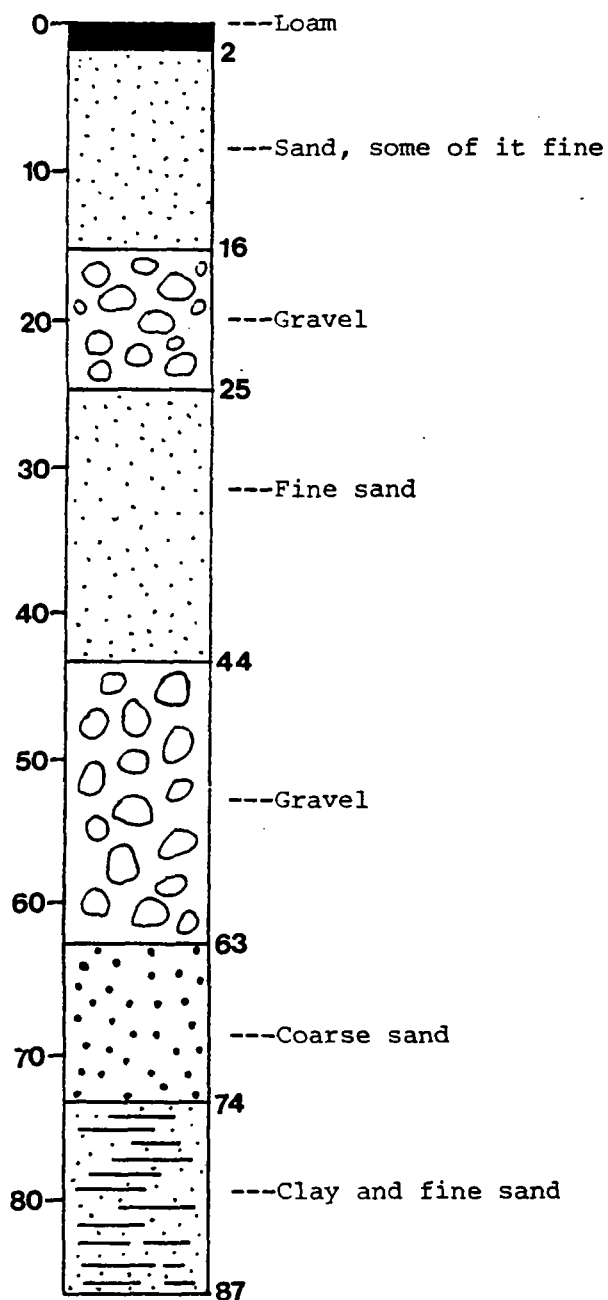
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 77
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W62) 111
Location Within Halls Brook
(former Mishawum Lake)
Owner No longer exists
Ground Elev. 70 ft.
Driller _____
Drilling Completed 1935
Type of Rig _____
----- WELL DATA -----
Hole Diam. 18 in.
Depth 87 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Industrial
----- TEST DATA -----
Static Water Level 6
Date Measured _____
Pumping Depth _____
Test Duration _____
Pumping Rate 1500
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes x No _____
No. of Samples _____
Type of Samples _____
Standard Water Quality _____
Date Sampled 10/21/58
Samplers _____
Will be Analyzed for _____

Split Samples to _____

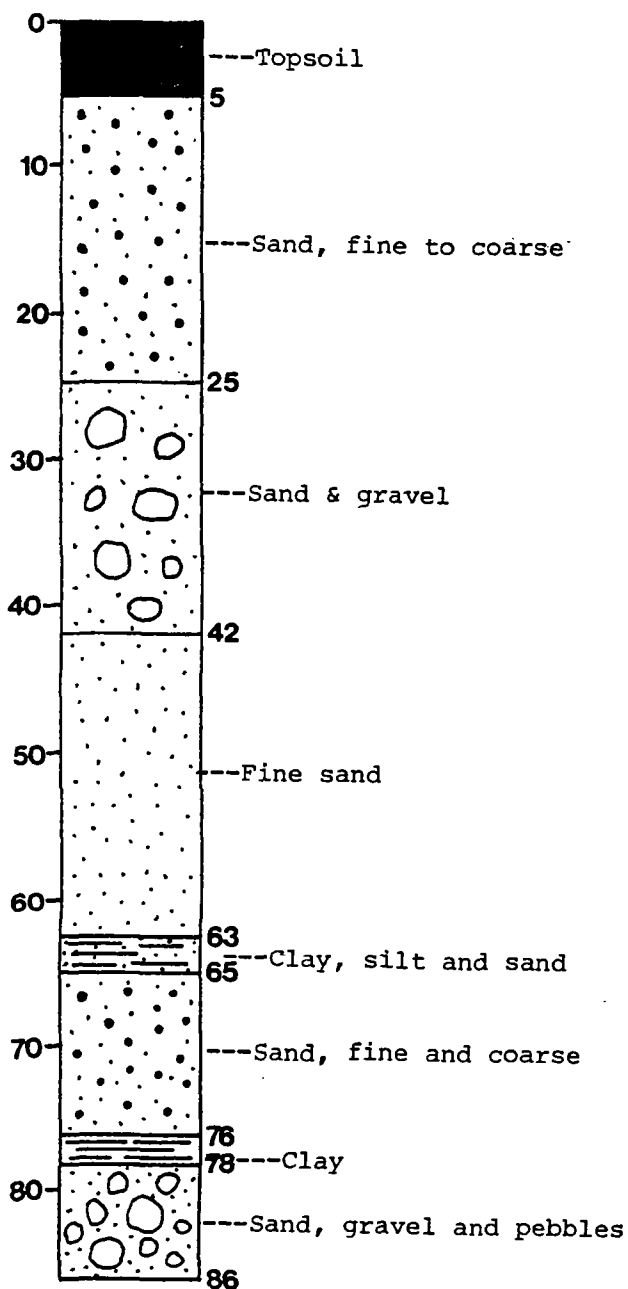
Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 75
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 55) 112
Location Within Halls Brook
(formerly Mishawum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1952
Type of Rig

----- WELL DATA -----
Hole Diam. 18 in.
Depth 86 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial-Unused

----- TEST DATA -----
Static Water Level 4 ft
Date Measured 3-52
Pumping Depth
Test Duration 7 hr.
Pumping Rate 530 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes X No
No. of Samples
Type of Samples
Standard Water Quality

Date Sampled 9/4/58
Samplers
Will be Analyzed for

Split Samples to

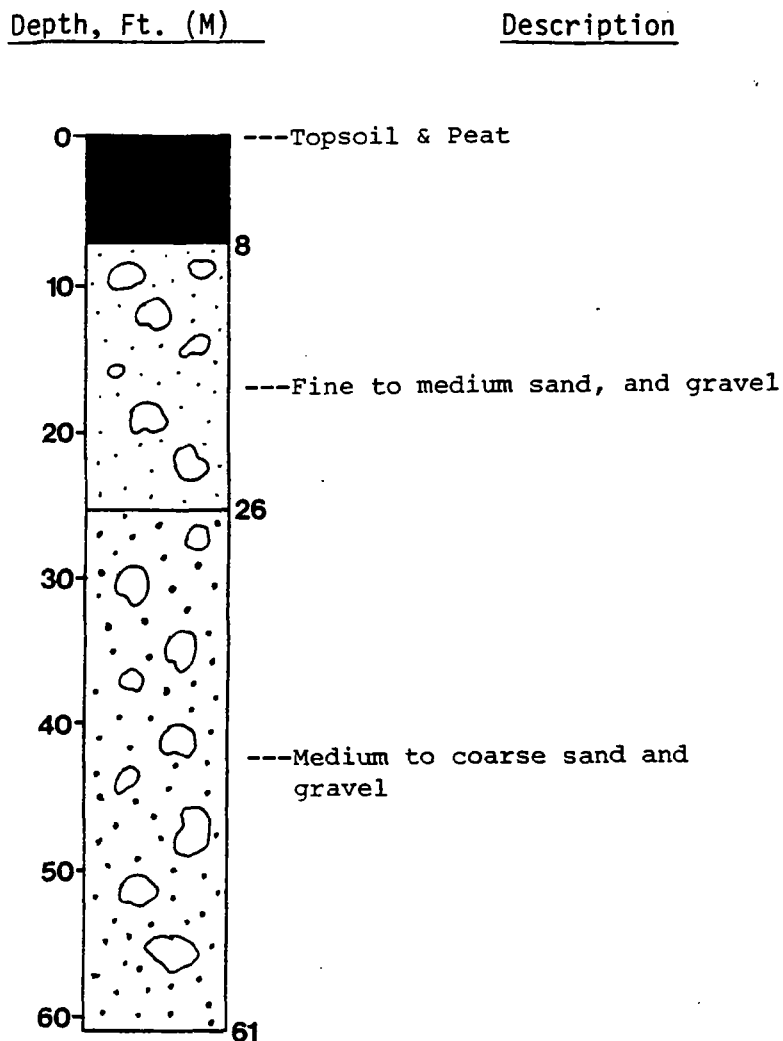
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 117
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1-5-81
Prepared By R. DiNitto



Well No. (W438) 113
Location Within Halls Brook
(former Mishawum Lake)
Owner Well no longer exists
Ground Elev. 55 ft.
Driller
Drilling Completed 1964
Type of Rig
----- WELL DATA -----
Hole Diam. 24 in.
Depth 61 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial
----- TEST DATA -----
Static Water Level 9 ft.
Date Measured May 1964
Pumping Depth
Test Duration 92 hours
Pumping Rate 720 GPM
Test Date May 1964
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

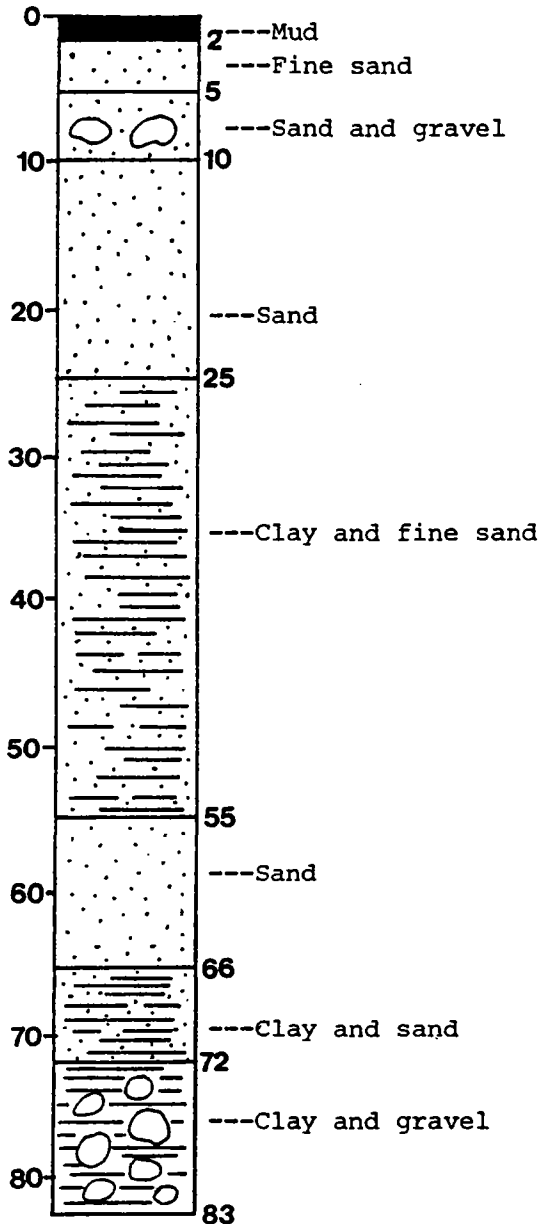
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 78
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 63) 114
Location Within Halls Brook
(former Mishwum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1936
Type of Rig

----- WELL DATA -----

Hole Diam. 18 in.
Depth 83 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial-Unused

----- TEST DATA -----

Static Water Level 6 ft.
Date Measured ?
Pumping Depth
Test Duration
Pumping Rate 1000 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

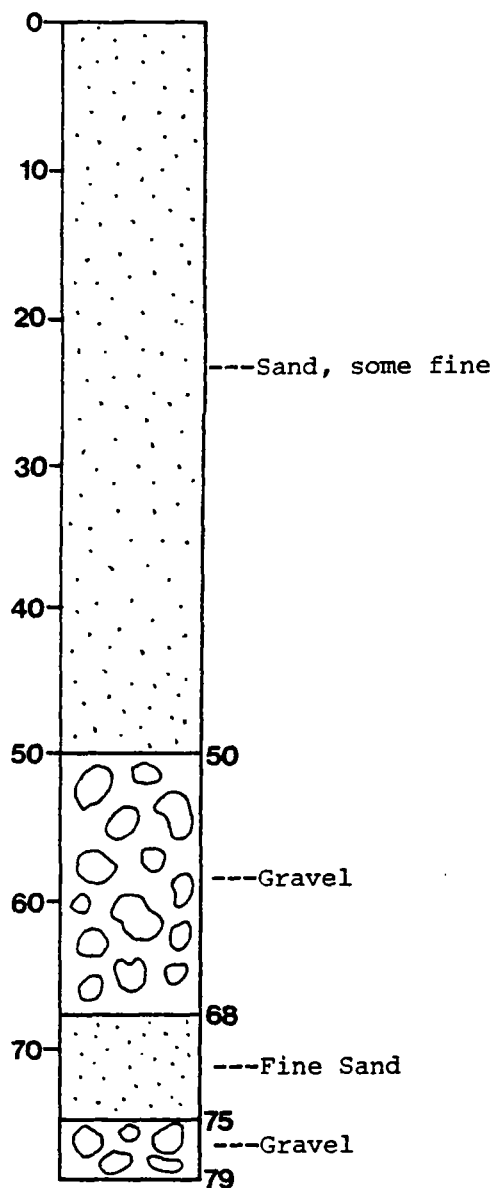
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 79
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W64) 115
Location Within Halls Brook
(former Mishawum Lake)
Owner Well no longer exists
Ground Elev. 70 ft.
Driller
Drilling Completed 1937
Type of Rig

----- WELL DATA -----
Hole Diam. 24 in.
Depth 78 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial

----- TEST DATA -----
Static Water Level 6
Date Measured ?
Pumping Depth
Test Duration
Pumping Rate 350 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples
Standard Water Quality

Date Sampled 10/21/58
Samplers
Will be Analyzed for

Split Samples to

Comments

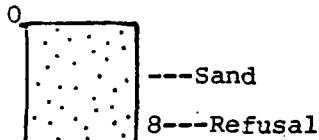
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 57
Project Name Woburn Well Survey
Project # TDD F1-8010-03a
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (B12) 116
Location Rt. 128, 1.6 mi. west
of Rt. 93

Owner State of MA
Ground Elev. 104 feet
Driller
Drilling Completed 1949
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 8 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

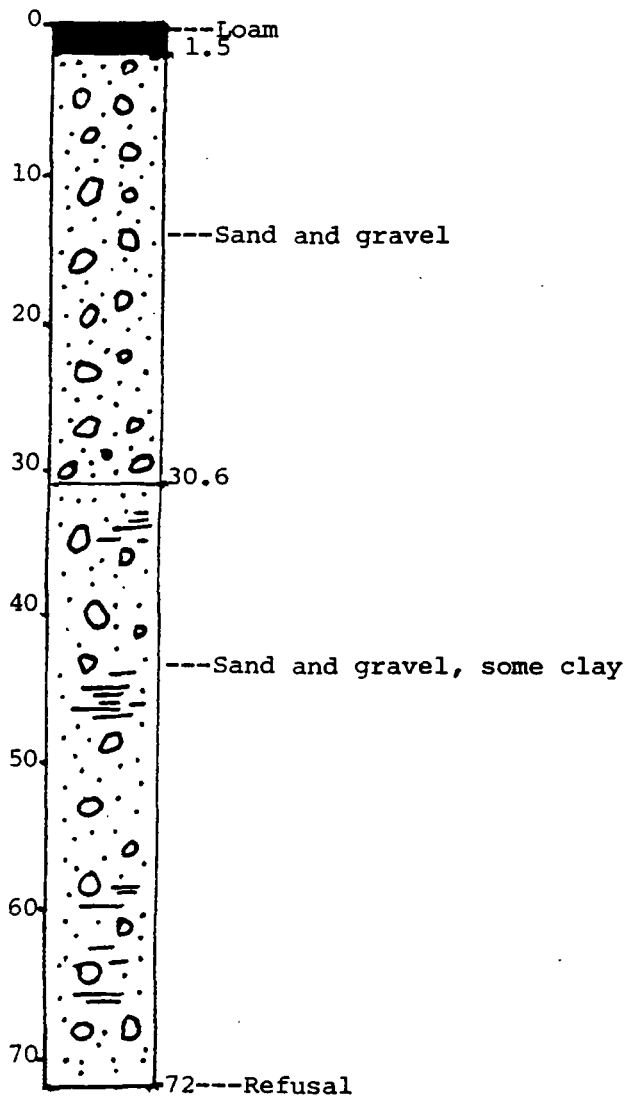
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 56
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (B 11) 117
Location Rt. 128, 1.2 miles
west of Rt. 93

Owner State of MA
Ground Elev. 91 ft.
Driller
Drilling Completed 1949
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 72 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

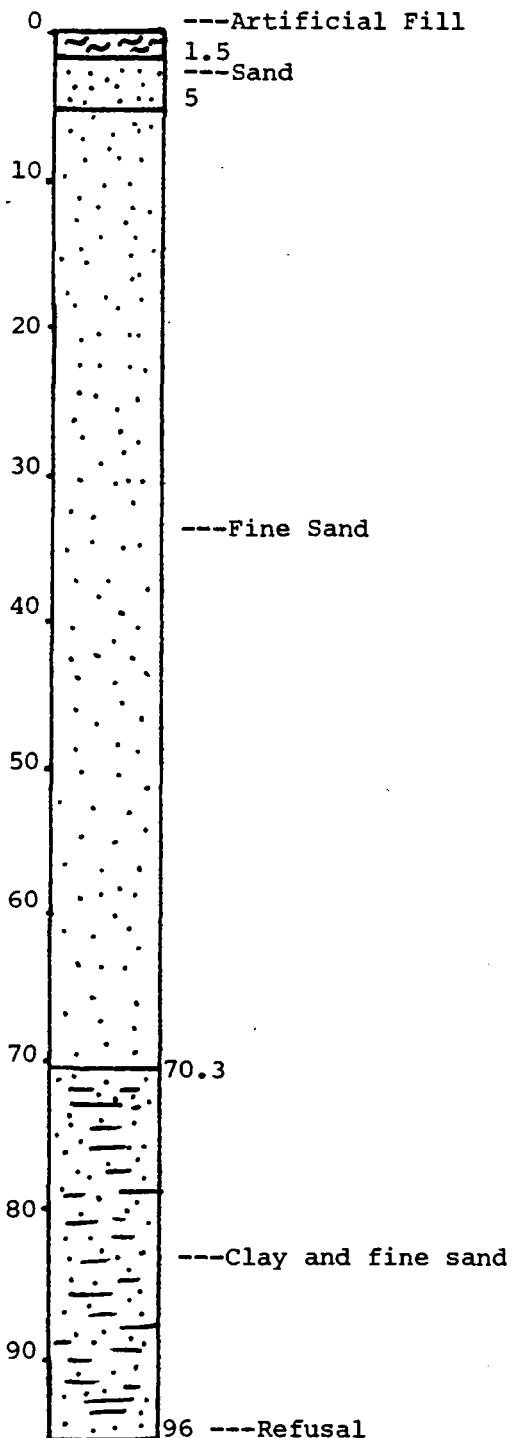
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 55
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B 10) 118
Location Rt. 128, one mile
west of Rt. 93

Owner State of MA
Ground Elev. 58 ft.
Driller 1949
Drilling Completed
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 96 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 11 ft.
Date Measured 9-1949
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

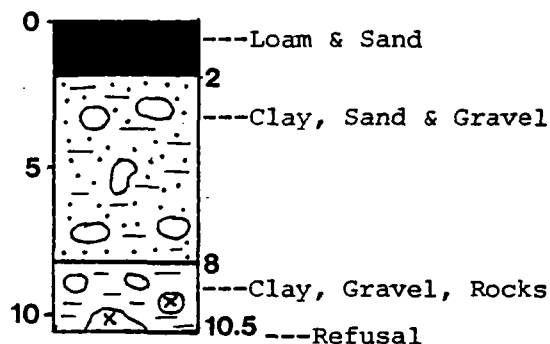
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 54
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B9) 119
Location Rte. 128, 1/4 mile west
of Rte. 93

Owner State of MA
Ground Elev. 119 feet
Driller
Drilling Completed 1949
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 10.4 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

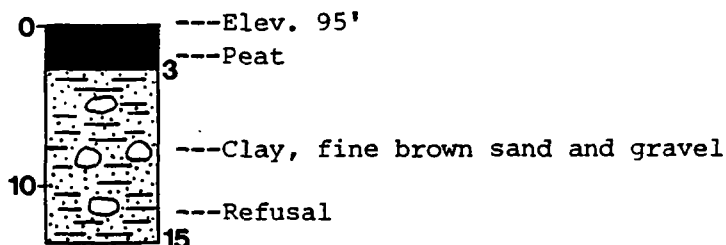
ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 114
Project Name Woburn Well Survey
Project # T00 F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

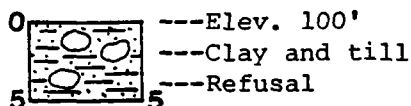
Depth, Ft. (M)

Description

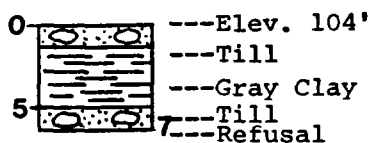
W122



W120



W121



Well No. (W 430-432) 122, 120, 121
Location Hurlbert Datsun
(formally Salada Tea)

Owner Washington St. South of Rt 128
Ground Elev. 95 feet

Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 15 ft., 5 ft., 7 ft.

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 0 ft., 3ft, 0 ft.

Date Measured 12-58
Pumping Depth
Test Duration
Pumping Rate
Test Date

Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

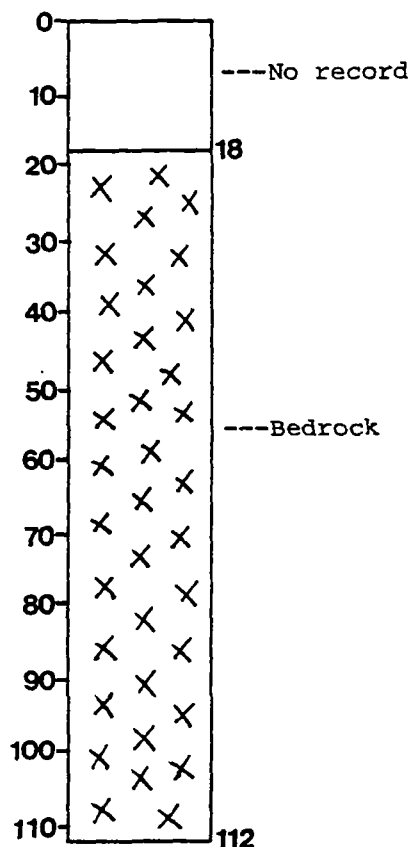
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 3
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W4) 124
Location Corner of Pine Ridge
and Walnut St., Reading
Owner H.O. Howe
Ground Elev. 120 ft.
Driller
Drilling Completed 1957
Type of Rig

----- WELL DATA -----
Hole Diam. 6 in.
Depth 112 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Irrigation

----- TEST DATA -----
Static Water Level 15
Date Measured Sept. 1957
Pumping Depth
Test Duration
Pumping Rate 8 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

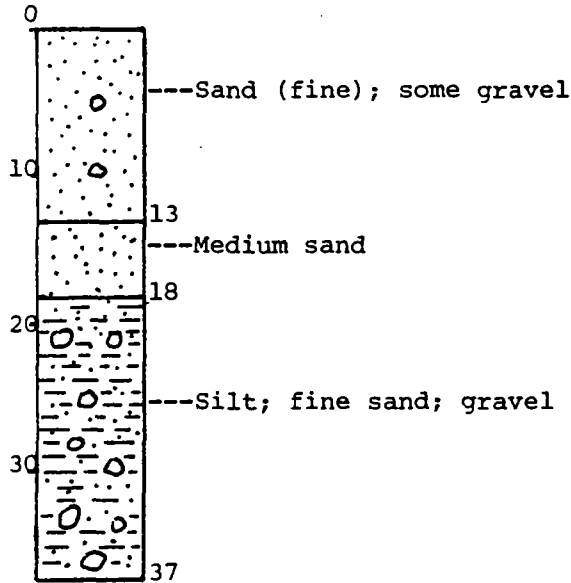
----- REMARKS -----
From Delaney And Gay (1980)

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/25/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B1) 125
Location Intersection between
(Reading) Rte. 128 and Rte. 93
Owner State of MA
Ground Elev. 109 feet
Driller
Drilling Completed 1955
Type of Rig
----- WELL DATA -----
Hole Diam.
Depth 37 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 14 feet
Date Measured 6-1955
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

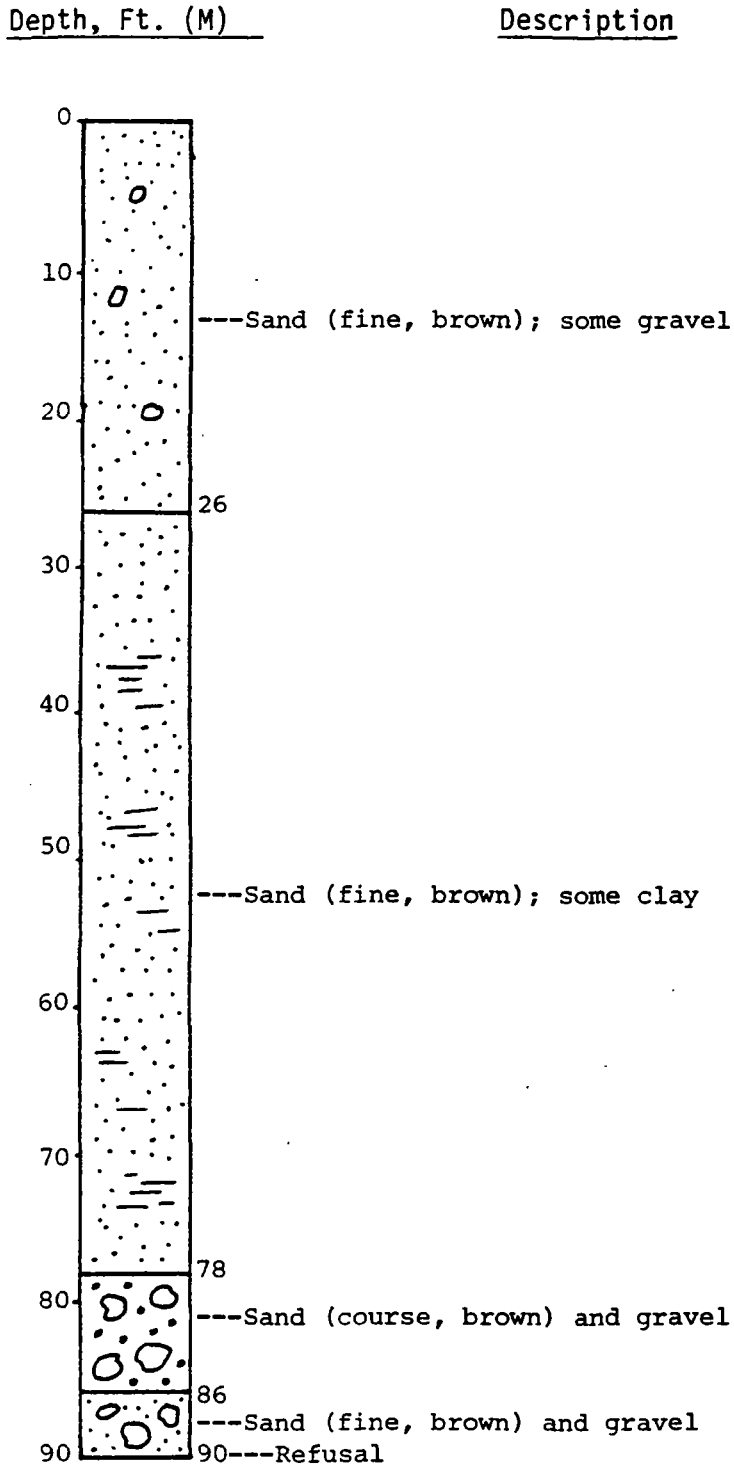
Split Samples to

Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 115
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto



Well No. (w 435) 126
Location Southside Olympia
Ave. just west of RR
Owner Lamont
Ground Elev. 50 Ft.
Driller
Drilling Completed 1969
Type of Rig
----- WELL DATA -----
Hole Diam. 2 in.
Depth 90 ft. Log. 86 (USGS)
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 6 ft.
Date Measured 5-69
Pumping Depth
Test Duration 3 hrs.
Pumping Rate 36 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to
Comments

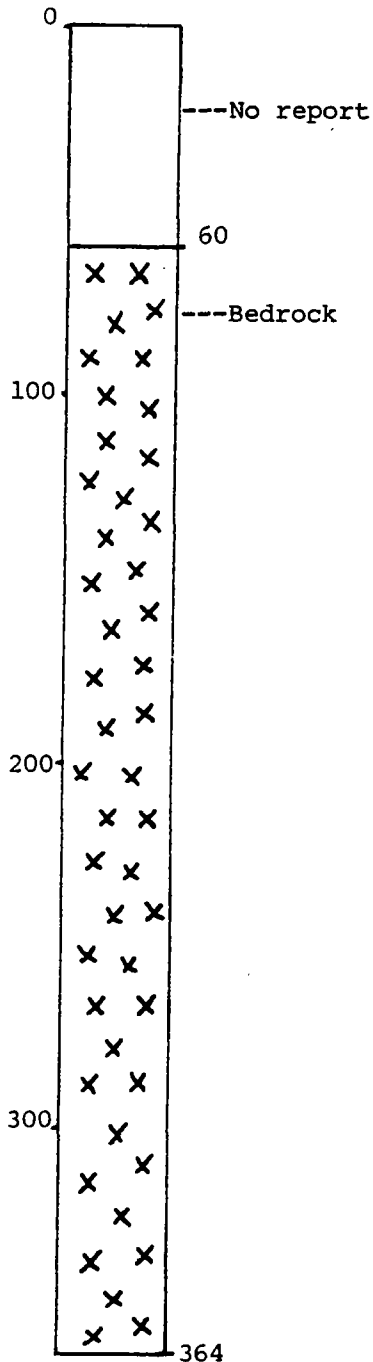
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 87
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



recycled paper

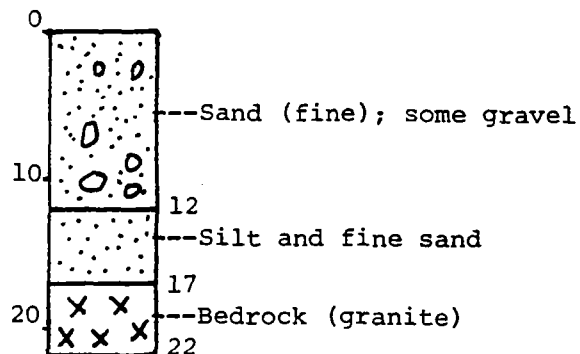
Well No. (W 263) 127
Location 600 ft. NE of Golden School in East Woburn
Owner Johnson Bros. (Cummings)
Ground Elev. 75' MSL
Driller
Drilling Completed 1958
Type of Rig
----- WELL DATA -----
Hole Diam. 8 in.
Depth 364 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Irrigation
----- TEST DATA -----
Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate 110 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples
Date Sampled
Samplers
Will be Analyzed for
Split Samples to
Comments
----- REMARKS -----
Paved Over
From Delaney and Gay (1980)
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 52
Project Name Woburn Well Survey
Project # TOD F1-8010-03 A
Date Prepared 11/18/80
Prepared By W. Norman

Depth, Ft. (M)

Description



Well No. (B 6) 128
Location Rte. 93, 0.7 miles South
of Rte. 128, Woburn
Owner State of MA
Ground Elev. 102 ft.
Driller
Drilling Completed 1955
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 22 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 9
Date Measured 6-55
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

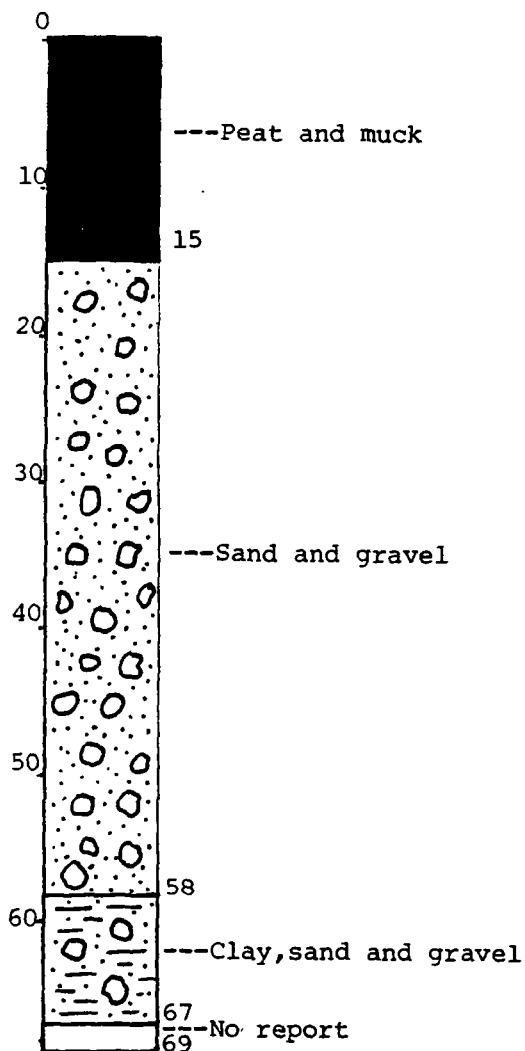
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 80
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (w 85) 129
Location West side of Aberjona River, South of Aberj. Drive, Wob.
Owner City of Woburn
Ground Elev. 45-50 ft.
Driller
Drilling Completed 1936
Type of Rig Drive-wash
----- WELL DATA -----
Hole Diam. 2 in.
Depth USGS (1977) 42 ft., Log 69 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 10 ft.
Date Measured 6/26/36
Pumping Depth
Test Duration 24 hrs.
Pumping Rate 75 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes ☒ No
No. of Samples
Type of Samples
Standard Water Quality
Date Sampled 6/26/36
Samplers
Will be Analyzed for

Split Samples to

Comments

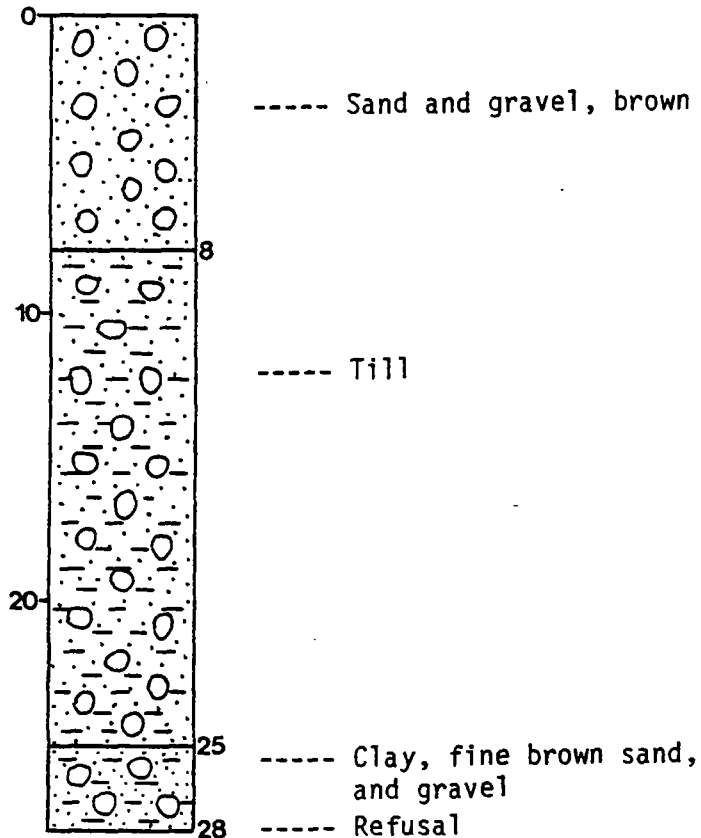
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 10
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W5) 130

Location Stoneham

Owner Greico Bros.

Ground Elev. 90

Driller

Drilling Completed 1973

Type of Rig

----- WELL DATA -----

Hole Diam. 2

Depth 28

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test

----- TEST DATA -----

Static Water Level 4

Date Measured 8/73

Pumping Depth

Test Duration

Pumping Rate 6

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

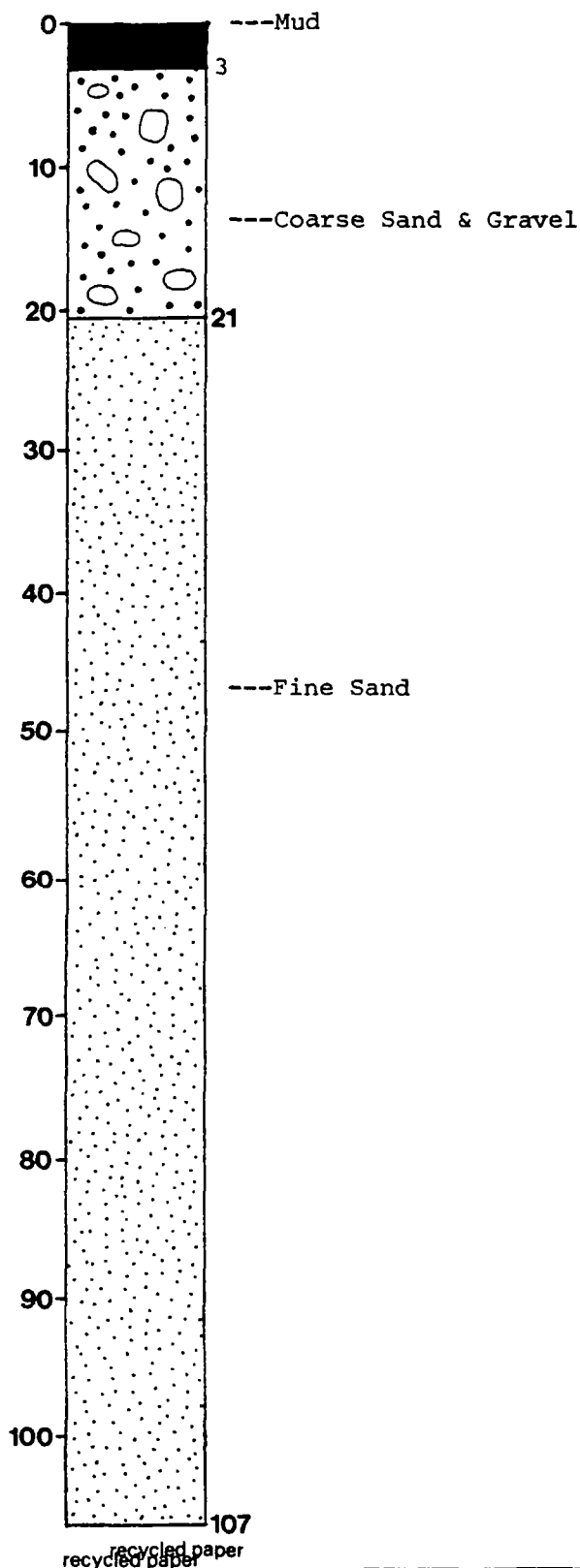
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 58
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (B 15) 131
Location Rte. 93, 1.1 miles
South of Rte. 128
Owner State of MA
Ground Elev. 37 feet
Driller
Drilling Completed 1941
Type of Rig
----- WELL DATA -----
Hole Diam.
Depth 107 feet
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 4 feet
Date Measured 7-41
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

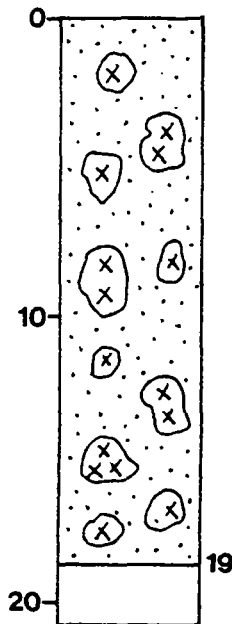
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 103
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 1/5/81
Prepared By R. D'Nitto

Depth, Ft. (M)

Description



--- Sand & broken rocks

--- No record

--- Refusal

Well No. (W416) 132
Location Just South of W415

Owner Well no longer exists
Ground Elev. 45 ft.
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 20.6 ft.

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Used

----- TEST DATA -----

Static Water Level 5

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

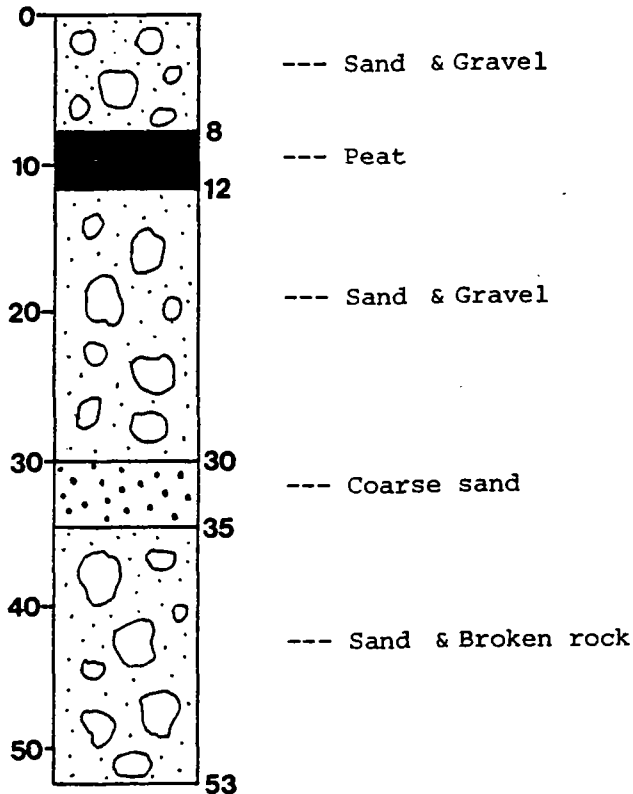
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 102
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (W415) 133
Location 0.3 mi. South from
Salem St. along B&M RR tracks, Wob.
Owner Well no longer exists
Ground Elev. 45 ft.
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 53 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

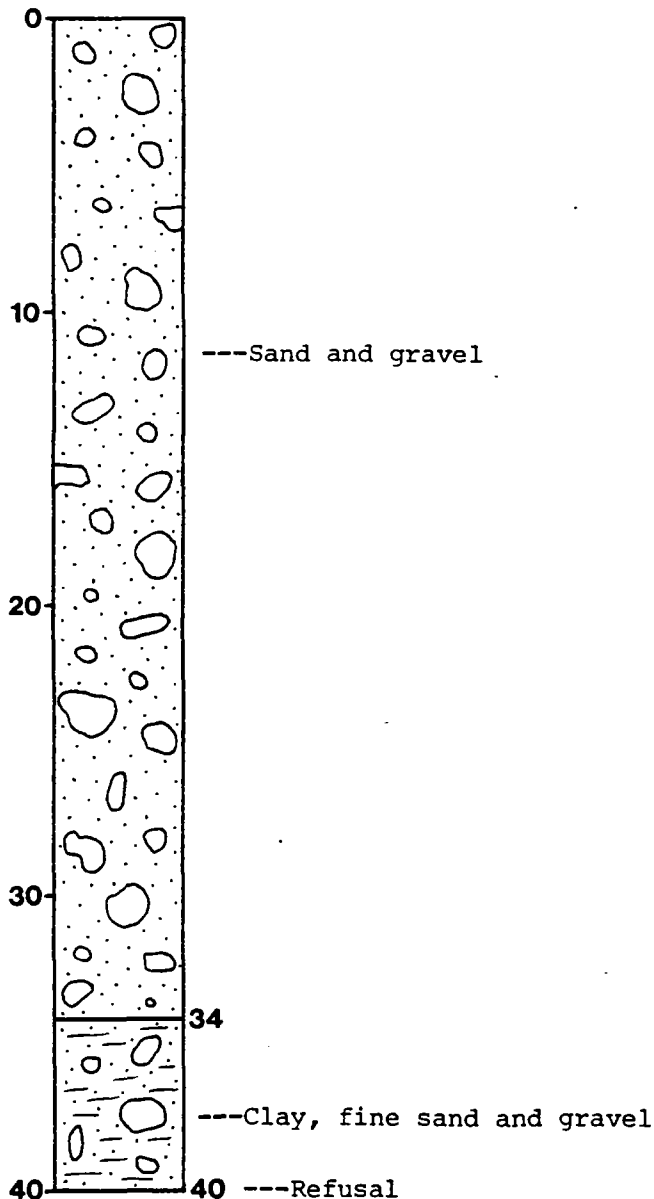
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 101
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 414) 136
Location East side of Holton St.
0.2 mi. north of Montvale Ave., Wob.
Owner No longer exists
Ground Elev. 45 ft.
Driller _____
Drilling Completed 1951
Type of Rig _____
----- WELL DATA -----
Hole Diam. 2 in.
Depth 40 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused
----- TEST DATA -----
Static Water Level 2
Date Measured 10-51
Pumping Depth _____
Test Duration _____
Pumping Rate 35 GPM
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

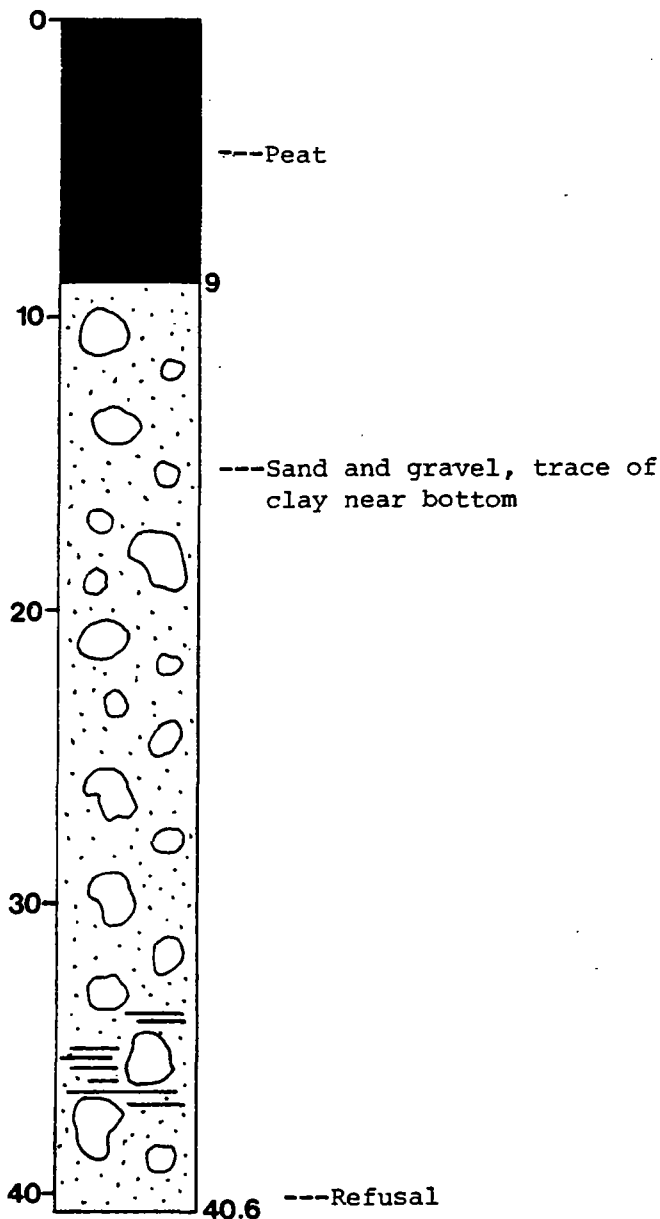
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 99
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



recycled paper

Well No. (W 412) 137
Location 0.2 mi. northwest of
Whittemore Pond, Woburn

Owner Well no longer exists
Ground Elev. 50 ft.
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 40.6 ft.

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----

Static Water Level 0
Date Measured
Pumping Depth
Test Duration
Pumping Rate 50 GPM
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

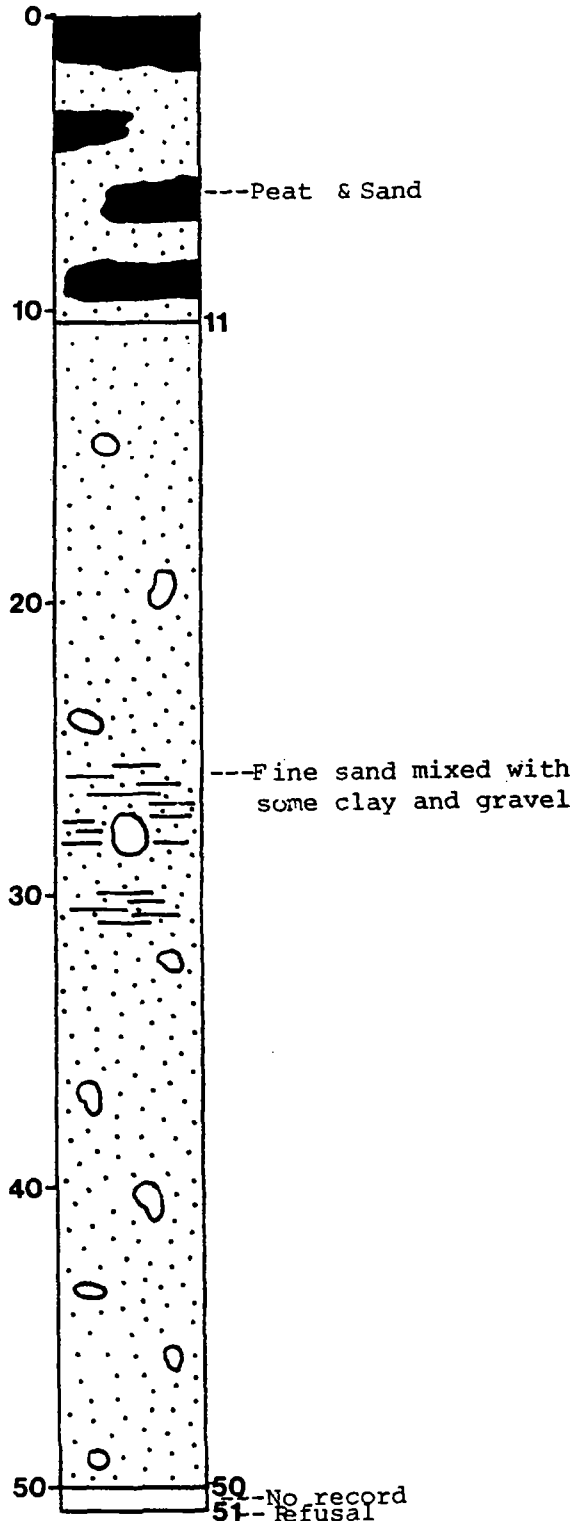
From Delaney and Gay (1980)

ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 104
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By P. D'Nitto

Depth, Ft. (M) Description



Well No. (W417) 138
Location 0.1 mi South of W416

Owner Well no longer exists
Ground Elev. 45 ft.
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 51 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 0
Date Measured 1-52
Pumping Depth
Test Duration
Pumping Rate 70 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

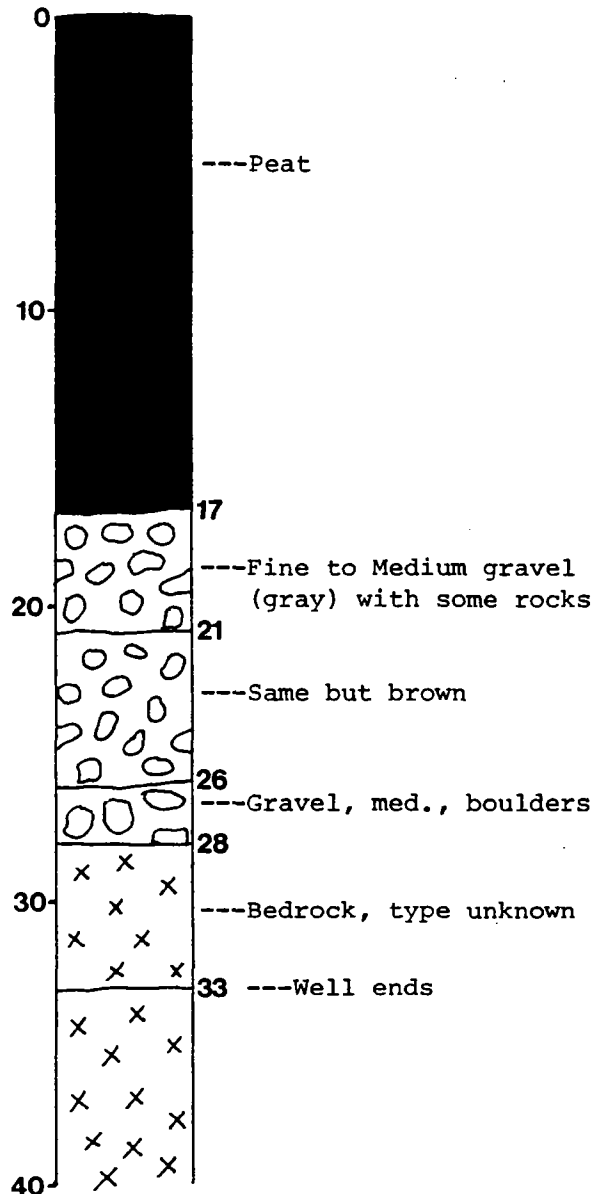
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 111
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/11/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (w 427) 139
Location 100 ft. north of Montvale Ave. by Whitmore Pond
Owner Atlantic Gelatin
Ground Elev. 45 ft.
Driller
Drilling Completed 1966
Type of Rig

----- WELL DATA -----
Hole Diam. 8 in.
Depth 33 ft.
Casing Diam.
Casing Depth
Screen Diam. YES (there is a
Screen Setting screen)
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 5
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

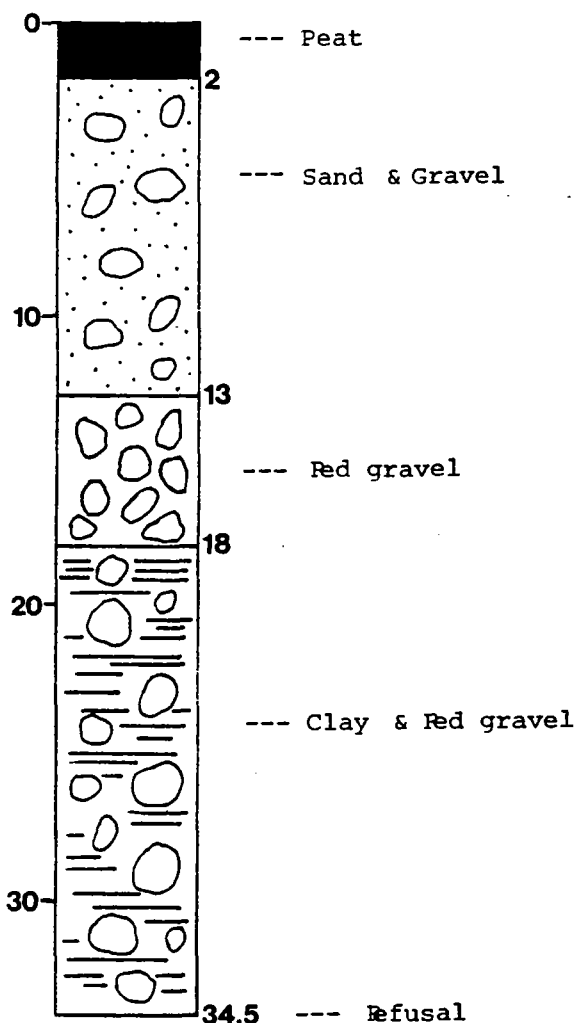
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 100
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 1/5/81
Prepared By P. D'Nitto

Depth, Ft. (M) Description



Well No. (W413) 140
Location 0.1 mi. West of
Whittemore Pond, Woburn
Owner No longer exists
Ground Elev. 50 ft.
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----
Hole Diam. 2 in.
Depth 34.5 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test/Unused

----- TEST DATA -----
Static Water Level 0
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

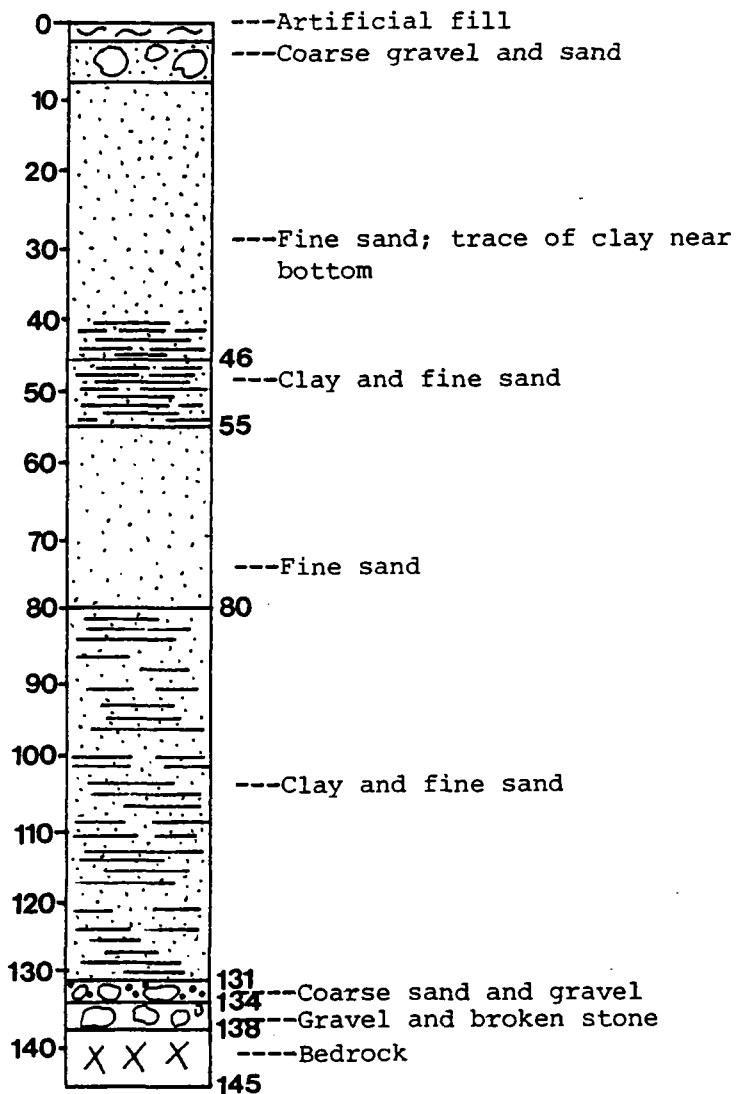
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 109
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 425) 141
Location 0.2 mi. South of W 424

Owner well no longer exists
Ground Elev. 55 ft.

Driller
Drilling Completed 1961
Type of Rig

----- WELL DATA -----

Hole Diam. 8 in.
Depth 145 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test

----- TEST DATA -----

Static Water Level 32
Date Measured March 1961

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

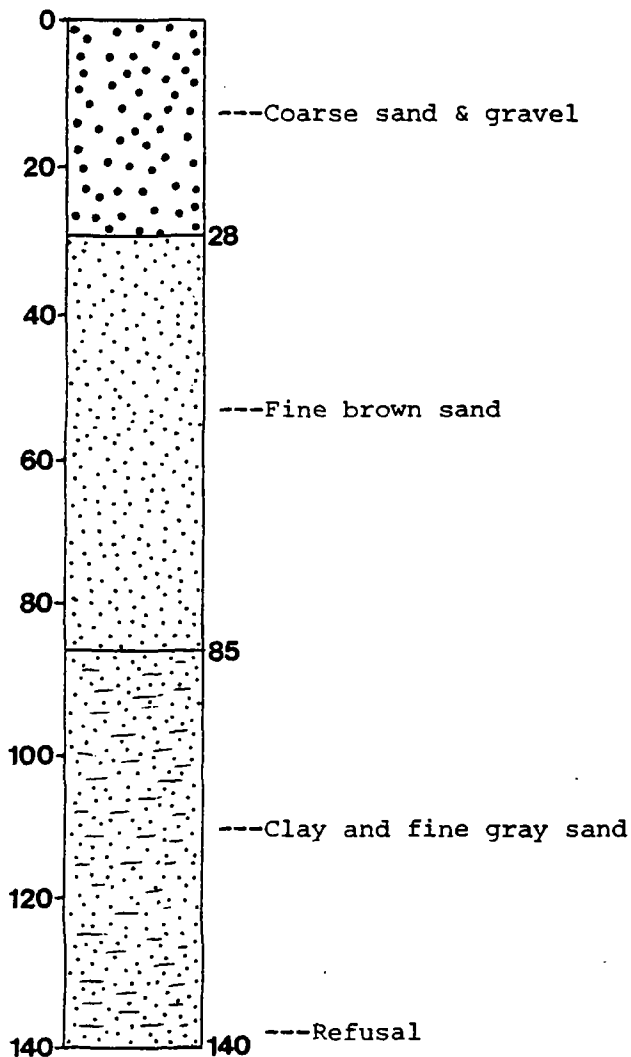
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 86
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12-2-80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (W 187) 142
Location Corner of Montvale Ave.
And Central St. Woburn

Owner Atlantic Gelatin
Ground Elev. 55 ft.
Driller Layne
Drilling Completed 1960
Type of Rig

----- WELL DATA -----

Hole Diam. 2 in.
Depth 140 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test-Unused

----- TEST DATA -----

Static Water Level 15 ft.

Date Measured 10-60

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

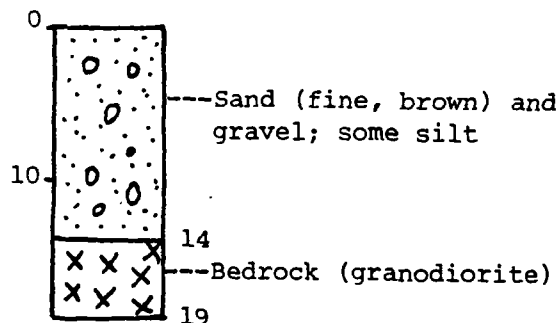
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 51
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/18/80
Prepared By W. Norman

Depth, Ft. (M) Description



Well No. (B 5) 143
Location Rte. 93, 0.1 miles north of Montvale Ave, Woburn
Owner State of MA
Ground Elev. 58 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 19 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

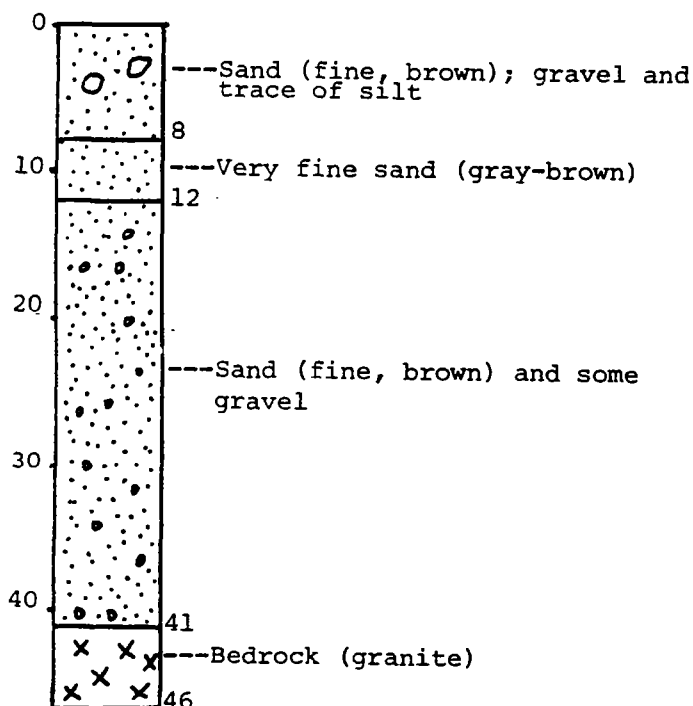
----- REMARKS -----
From DeLaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 50
Project Name Woburn Well Survey
Project # TOD F1-8010-03A
Date Prepared 11/18/80
Prepared By W. Norman

Depth, Ft. (M)

Description



Well No. (B 4) 144
Location Rte. 93, 0.1 miles south of Montvale Ave, Woburn
Owner State of MA
Ground Elev. 54 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 46 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 14 ft.
Date Measured 1-58
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No ☒
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

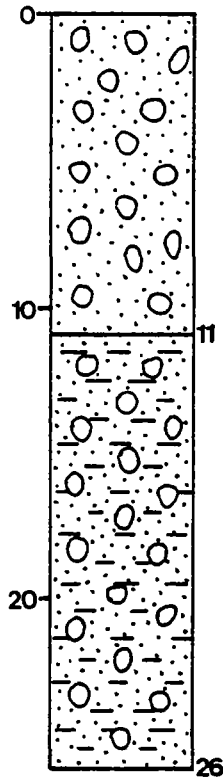
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 9
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (w4) 145

Location Stoneham

Owner Atlantic Gelatin

Ground Elev. 50

Driller

Drilling Completed 1941

Type of Rig

----- WELL DATA -----

Hole Diam. 2

Depth 26

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

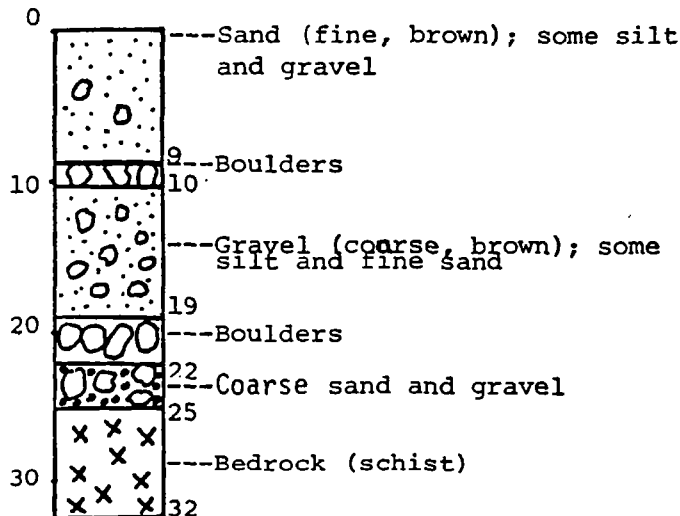
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log #
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/18/80
Prepared By W. Norman

Depth, Ft. (M)

Description



Well No. (B 1) 146
Location Rte. 93, 0.25 miles south of Montvale Ave, Woburn
Owner State of MA
Ground Elev. 77 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 32 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused

----- TEST DATA -----
Static Water Level 2 ft.
Date Measured 1-58
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

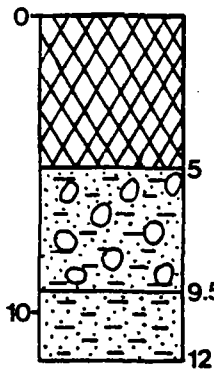
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 12
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



----- Artificial fill, sand,
gravel and cinders

----- Clay, sand and gravel

----- Clay and sand

----- Refusal

Well No. (X3) 147

Location Stoneham

Owner Unknown

Ground Elev. 150

Driller

Drilling Completed 1923

Type of Rig

----- WELL DATA -----

Hole Diam.

Depth

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level 6

Date Measured 1923

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

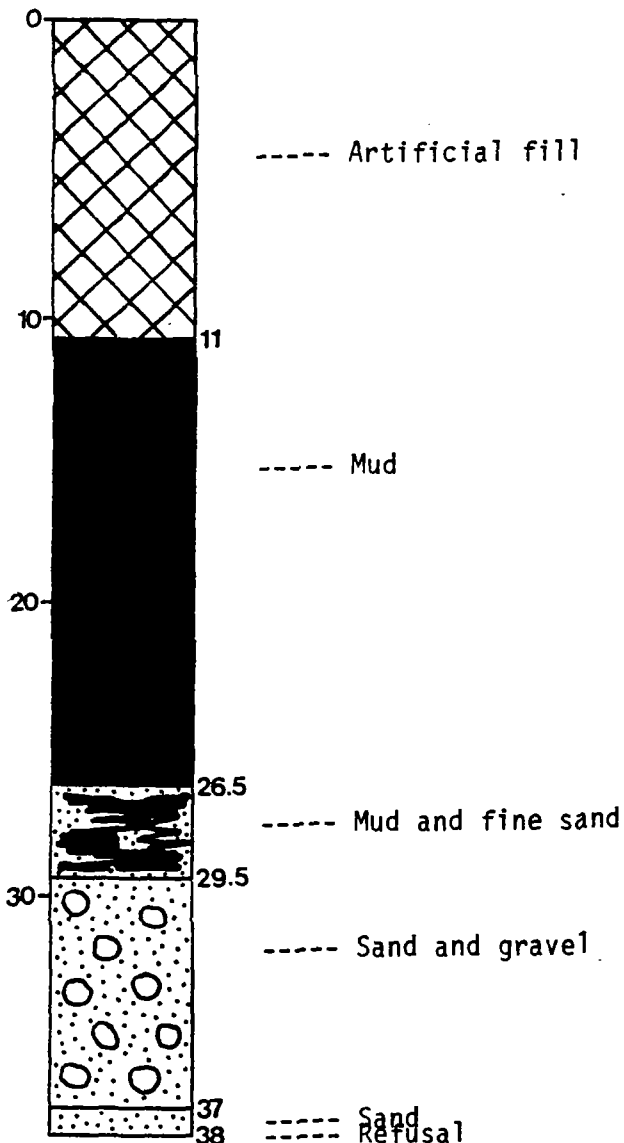
----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 11
Project Name Woburn Well Survey
Project # TDD F1-8010-03
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M) Description



Well No. (X1) 148
Location Stoneham

Owner Unknown
Ground Elev. 145
Driller
Drilling Completed 1925
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type

----- TEST DATA -----
Static Water Level 3
Date Measured 1925
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

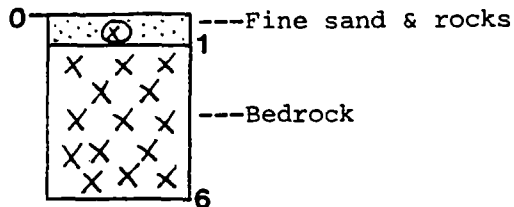
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 31
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (B1) 151
Location 0.2 mi. east of W27
in Winchester, MA
Owner MDPW
Ground Elev. 100 ft.
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 6 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Boring

----- TEST DATA -----
Static Water Level Dry
Date Measured 1958
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No X
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

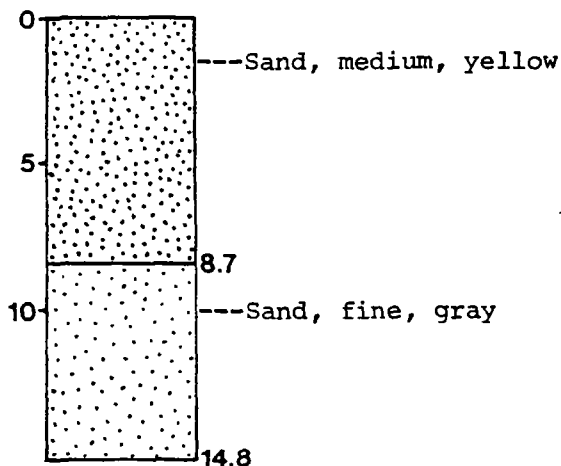
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 34
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M) Description



Well No. (B13) 152
Location Winchester

Owner MDPW
Ground Elev. 33
Driller
Drilling Completed 1934
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 15
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 6'
Date Measured 1934
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

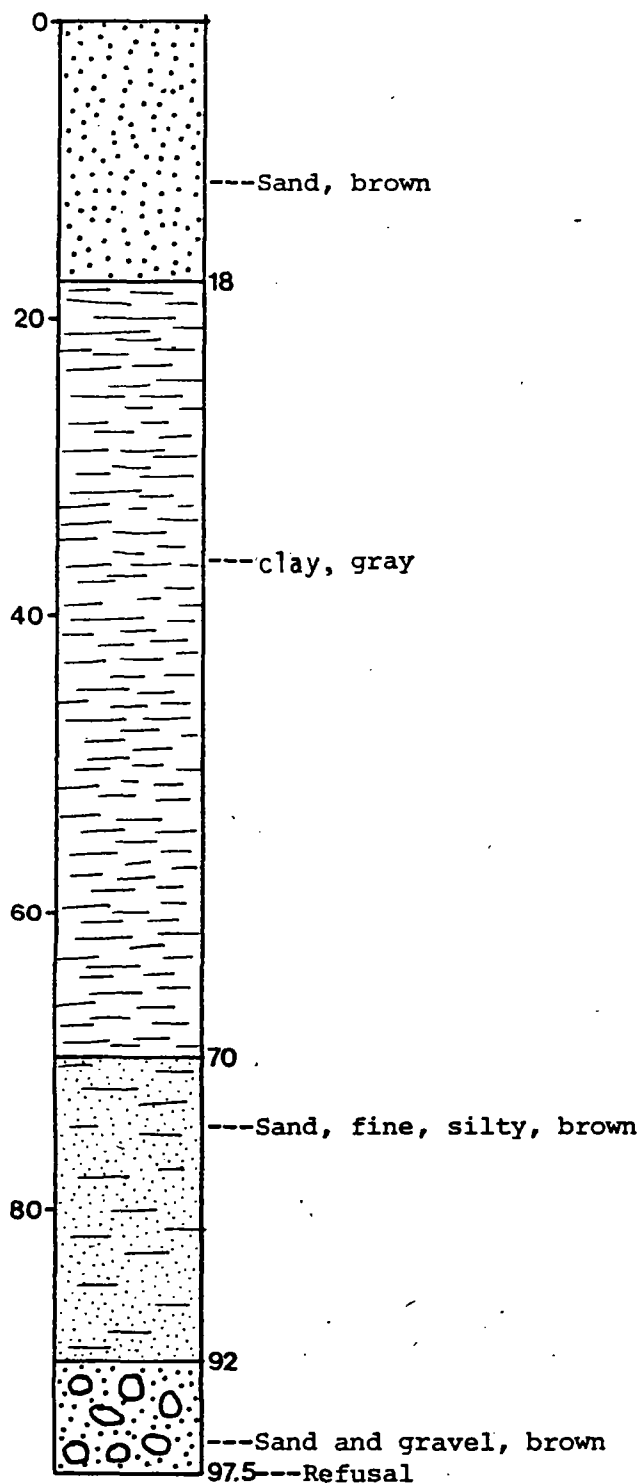
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # _____
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W153) 153

Location Winchester

Owner Win - Wake Corp.

Ground Elev. 40

Driller _____

Drilling Completed 1967

Type of Rig _____

----- WELL DATA -----

Hole Diam. 2

Depth 98

Casing Diam. _____

Casing Depth _____

Screen Diam. _____

Screen Setting _____

Screen Type _____

Well Type Test

----- TEST DATA -----

Static Water Level 15

Date Measured October 1967

Pumping Depth _____

Test Duration 3

Pumping Rate 45

Test Date _____

Test Type _____

Pump Setting _____

Specific Gravity _____

Final Pump Capacity _____

Final Pump Setting _____

Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No x

No. of Samples _____

Type of Samples _____

Date Sampled _____

Samplers _____

Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

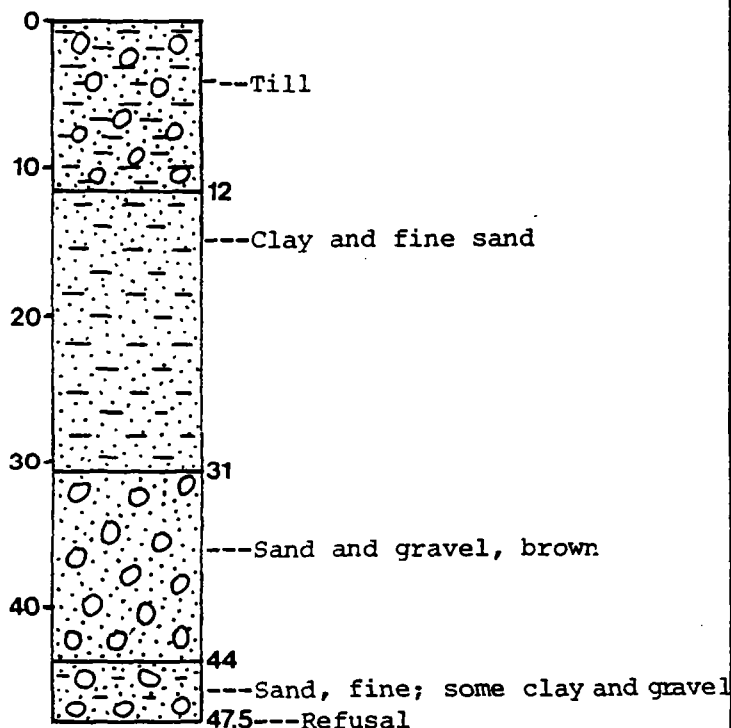
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 41
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W152) 154
Location Winchester

Owner Win - Wake Corp.
Ground Elev. 35
Driller
Drilling Completed 1967
Type of Rig

----- WELL DATA -----

Hole Diam. 2
Depth 42
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 17
Date Measured August 1967
Pumping Depth
Test Duration 1
Pumping Rate 25
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

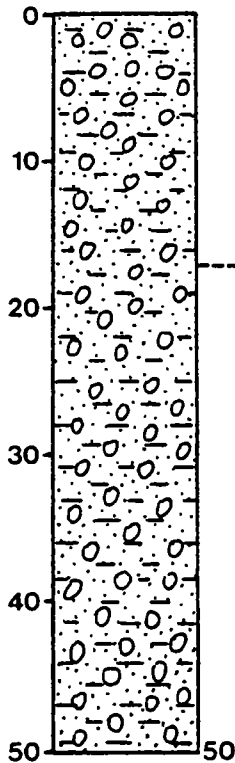
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 43
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W154) 155
Location Winchester

Owner Win - Wire Corp
Ground Elev. 40
Driller
Drilling Completed 1967
Type of Rig

----- WELL DATA -----

Hole Diam. 2
Depth 50

Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 18
Date Measured Oct. 1967
Pumping Depth
Test Duration
Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No ☒

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

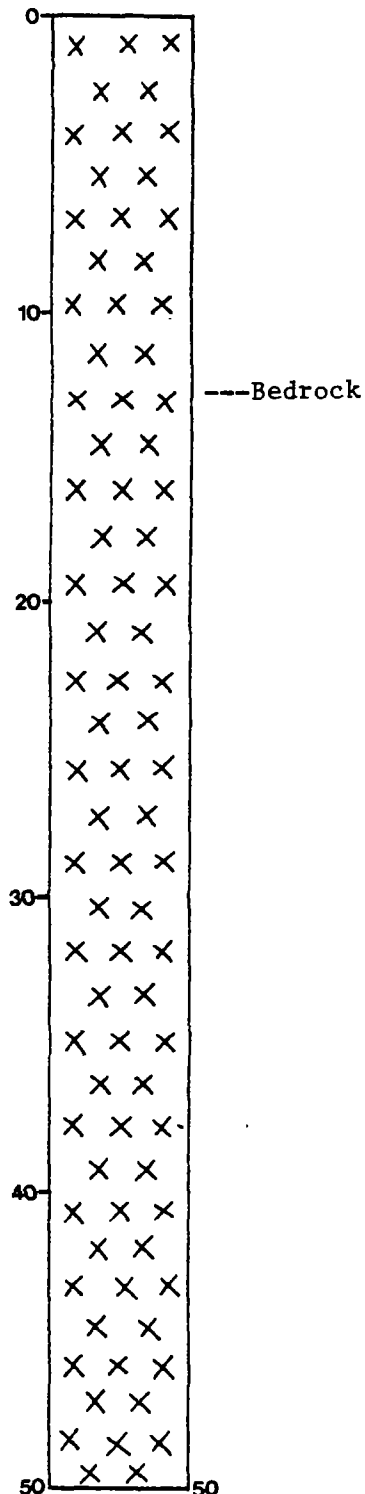
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 74
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



recycled paper

Well No. (W 10) 156
Location Woburn

Owner Win Crushed Stone

Ground Elev. 80

Driller

Drilling Completed

Type of Rig

----- WELL DATA -----

Hole Diam. 6

Depth 50

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration 8 hr.

Pumping Rate 100 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

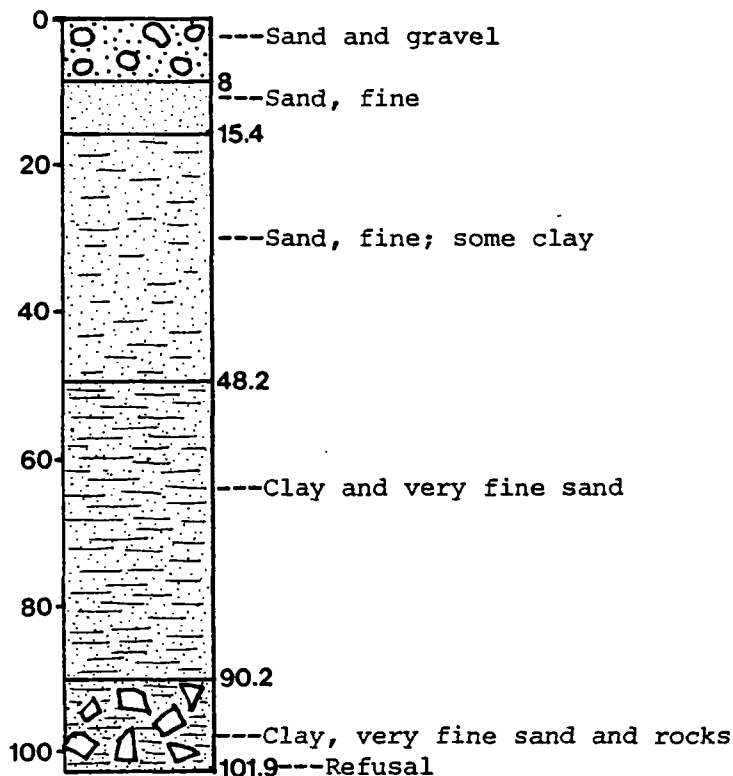
ecology and environment

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 46
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (x2) 158
Location Winchester

Owner MDPW
Ground Elev. 32
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 102
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 14
Date Measured April 1951
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type

Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

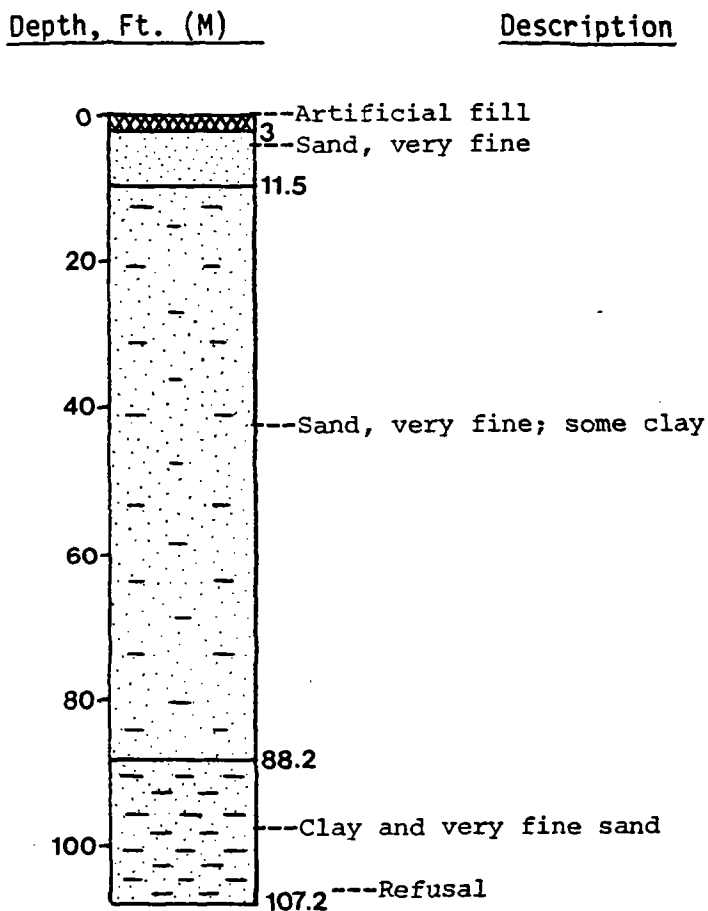
Comments

----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 45
Project Name Woburn Well Survey
Project # TDD F1-8010-03a
Date Prepared 3/11/81
Prepared By D. Cook



Well No. (X1) 159
Location Winchester

Owner MDPW
Ground Elev. 30
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 107
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 12
Date Measured April 1951
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

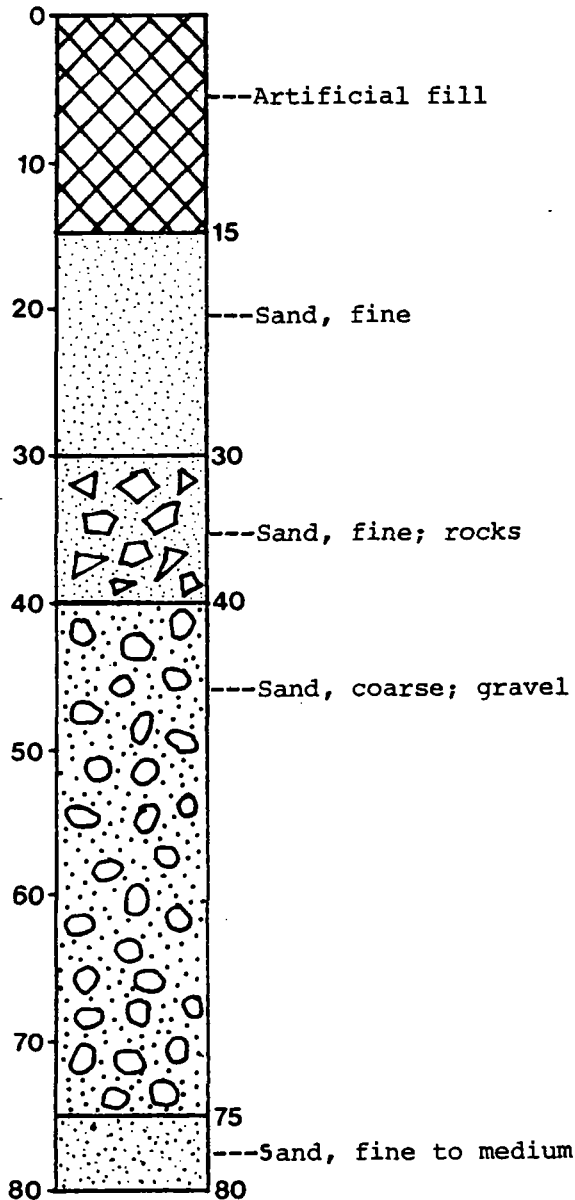
Comments

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 36
Project Name Woburn Well Survey
Project # TOD FI-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M) Description



Well No. (w24) 160
Location Winchester

Owner Berndt Realty
Ground Elev. 45
Driller
Drilling Completed 1965
Type of Rig

----- WELL DATA -----

Hole Diam. 18
Depth 80
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Water

----- TEST DATA -----

Static Water Level 15
Date Measured August 1965
Pumping Depth
Test Duration 66
Pumping Rate 250
Test Date August 1965
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes ☒ No ☐
No. of Samples
Type of Samples
Standard Water Quality

Date Sampled August 1965
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 35
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description

0	---	Loam
2	---	Sand and gravel; some clay compact
7.4	---	Sand, very fine; some clay and gravel
18	---	Sand, fine; trace of clay
26	---	Sand, fine, some clay
69.6	---	Sand, very fine; some clay
113	---	Sand, fine; some clay
120.6	---	Refusal

Well No. (B14) 161
Location Winchester

Owner MDPW
Ground Elev. 37
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----

Hole Diam.
Depth 121
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----

Static Water Level 20
Date Measured April 1951
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

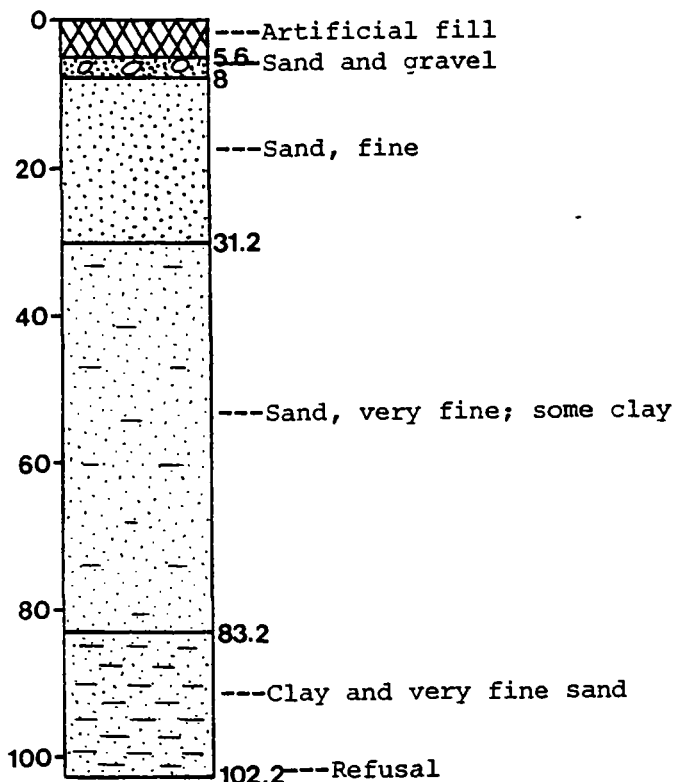
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 47
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No.(x3) 162

Location Winchester

Owner MDPW

Ground Elev. 28

Driller

Drilling Completed 1951

Type of Rig

----- WELL DATA -----

Hole Diam. 102

Depth

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Test

----- TEST DATA -----

Static Water Level 10

Date Measured Nov. 1951

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

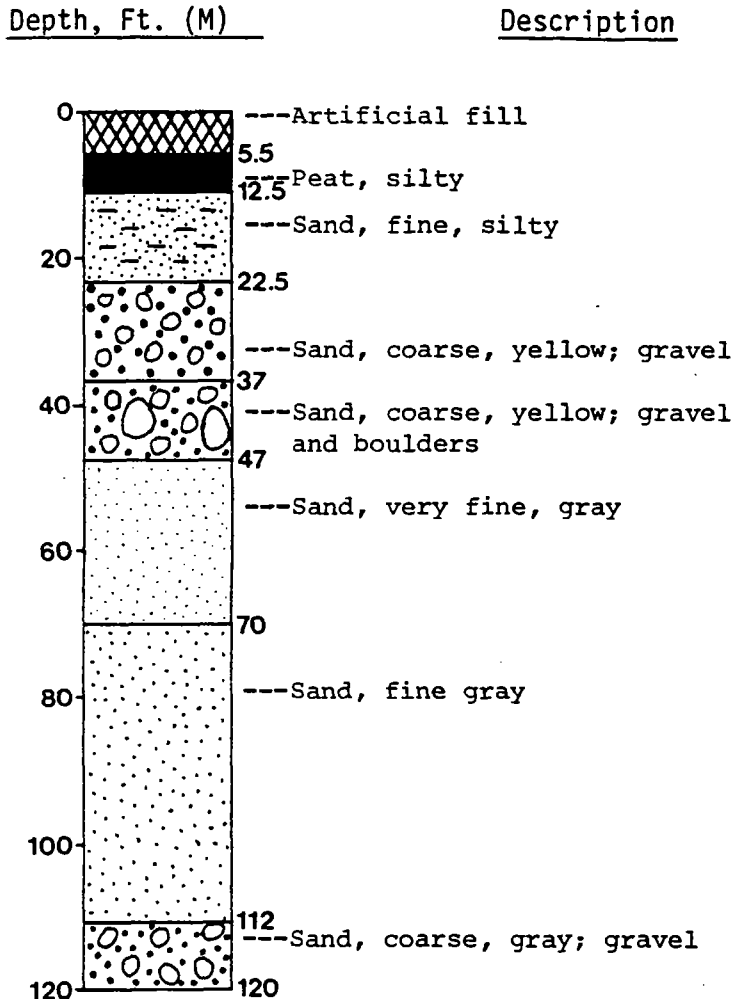
Comments

----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 33
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook



Well No. (B3) 163
Location Winchester
Owner MDPW
Ground Elev. 26
Driller _____
Drilling Completed 1954
Type of Rig _____
----- WELL DATA -----
Hole Diam. _____
Depth 120
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test
----- TEST DATA -----
Static Water Level 16
Date Measured February 1954
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____
----- WATER QUALITY -----
Samples Taken Yes _____ No x
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

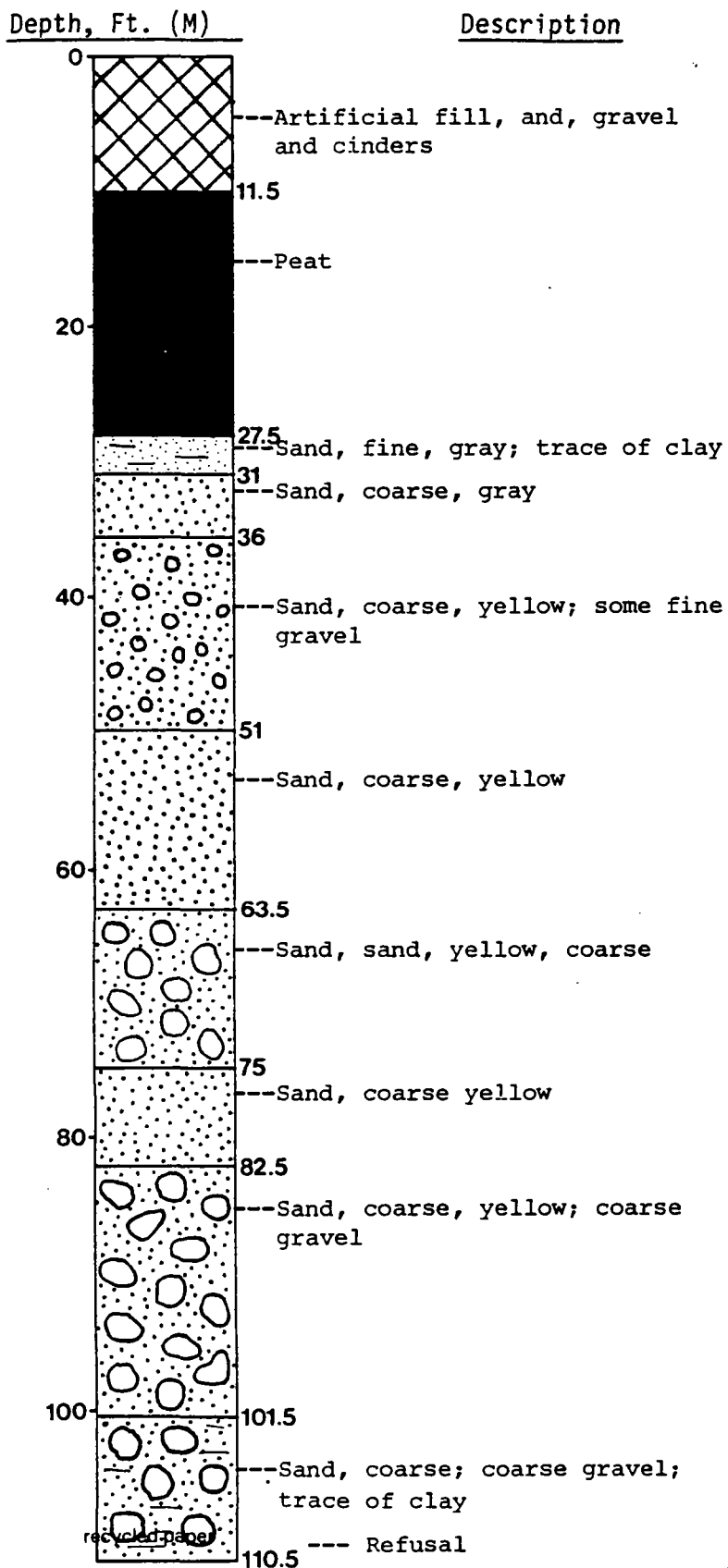
Split Samples to _____

Comments _____

----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 32
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook



Well No. (B2) 164
Location Winchester

Owner MDPW
Ground Elev. 18
Driller
Drilling Completed 1951
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 110
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test

----- TEST DATA -----
Static Water Level 4
Date Measured October 1951
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage

----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

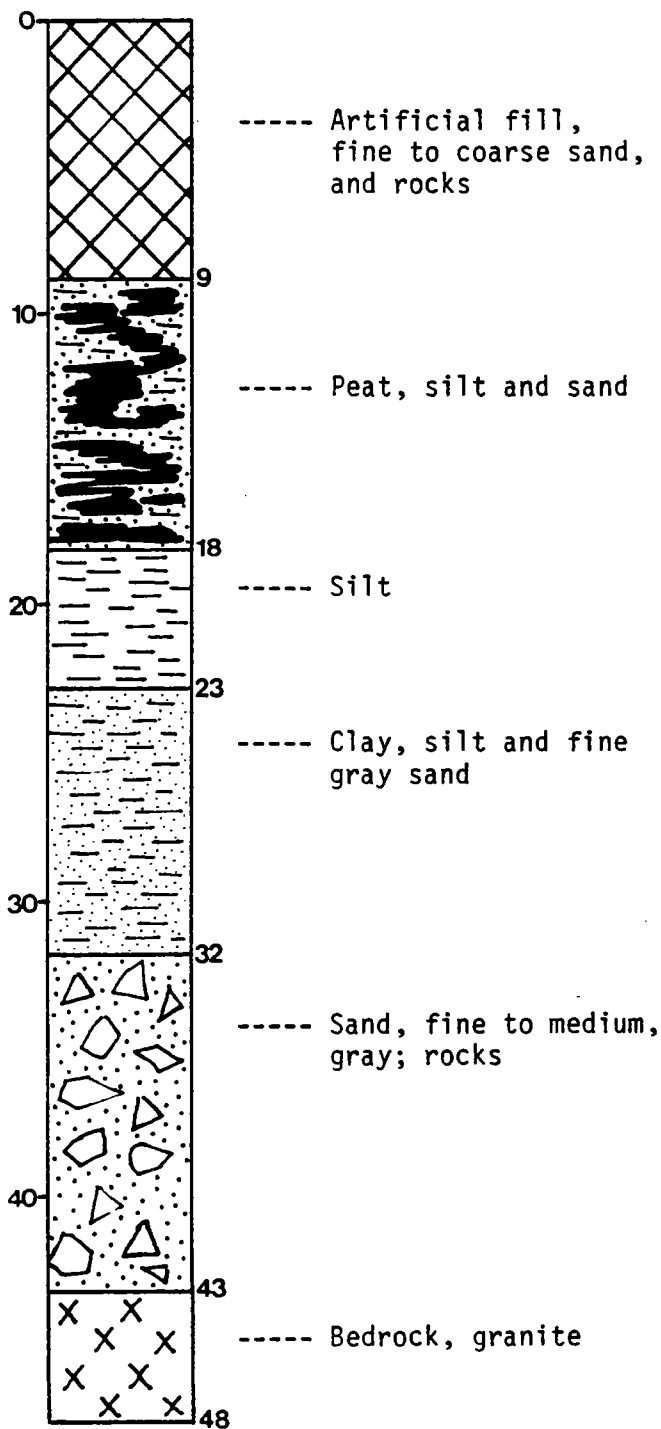
----- REMARKS -----
From Delaney and Gay (1980)

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ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 7
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M) Description



Well No. (B3) 166
Location Stoneham

Owner MDPW
Ground Elev. 164
Driller
Drilling Completed 1958
Type of Rig

----- WELL DATA -----
Hole Diam.
Depth 48
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type

----- TEST DATA -----
Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
----- WATER QUALITY -----
Samples Taken Yes No x
No. of Samples
Type of Samples

Date Sampled
Samplers
Will be Analyzed for

Split Samples to

Comments

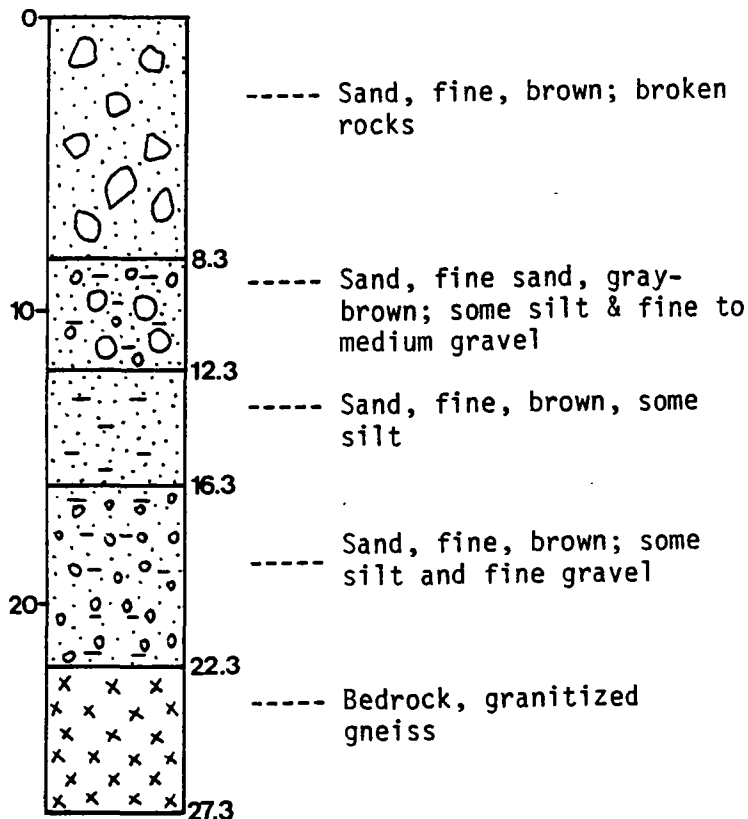
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 8
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (B3) 167

Location Stoneham

Owner MDPW

Ground Elev. 154

Driller

Drilling Completed 1958

Type of Rig

----- WELL DATA -----

Hole Diam. 2

Depth 27

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level 1

Date Measured 1/58

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Delaney and Gay (1980)

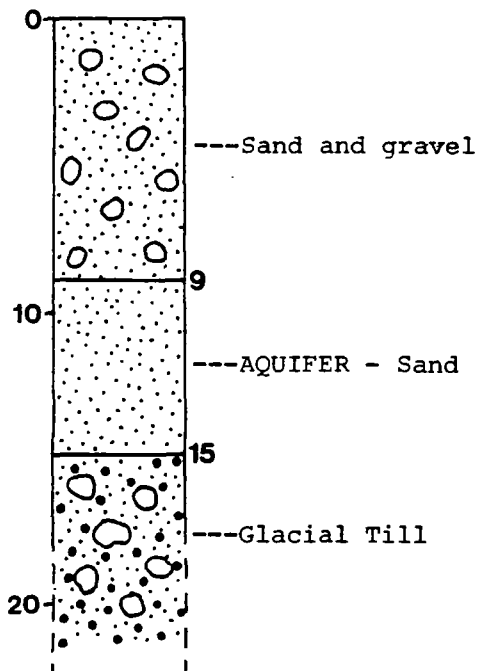
ecology and environment

recycled paper

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 65
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M) Description



Well No. (E10) 168
Location Corner of Mishwaum
and Commerce Way, Woburn
Owner Woburn National Bank
Ground Elev. 60 ft. (Topo.)
Driller American Artesian
Drilling Completed 1979
Type of Rig _____

----- WELL DATA -----
Hole Diam. _____
Depth 15 feet
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Irrigation

----- TEST DATA -----
Static Water Level 9 ft.
Date Measured 1979
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----
Samples Taken Yes _____ No X
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

----- REMARKS -----

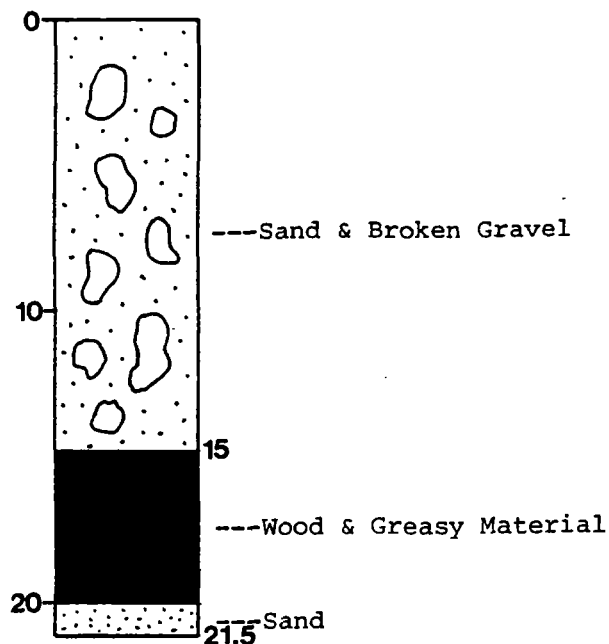
Courtesy Ed Johnson Woburn
National Bank Woburn, MA

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 119
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (X4) 169
Location Corner of Mishawum
Road and Commerce Way
Owner Well no longer exists
Ground Elev. 55 ft.
Driller _____
Drilling Completed -
Type of Rig _____

----- WELL DATA -----

Hole Diam. NA
Depth 21.5 ft.
Casing Diam. _____
Casing Depth _____
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Test-Unused

----- TEST DATA -----

Static Water Level _____
Date Measured _____
Pumping Depth _____
Test Duration _____
Pumping Rate _____
Test Date _____
Test Type _____
Pump Setting _____
Specific Gravity _____
Final Pump Capacity _____
Final Pump Setting _____
Average Pumpage _____

----- WATER QUALITY -----

Samples Taken Yes _____ No X
No. of Samples _____
Type of Samples _____

Date Sampled _____
Samplers _____
Will be Analyzed for _____

Split Samples to _____

Comments _____

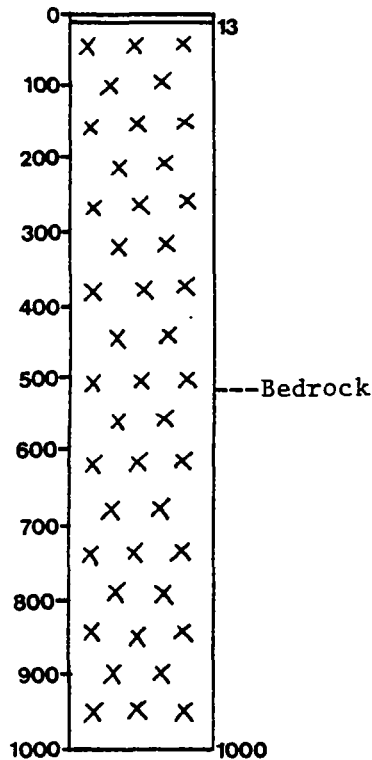
----- REMARKS -----
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 6
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No (W 340) 170

Location Reading

Owner Addison Wesley

Ground Elev. 130

Driller

Drilling Completed 1965

Type of Rig

----- WELL DATA -----

Hole Diam. 6"

Depth 1000 ft

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type Water

----- TEST DATA -----

Static Water Level 13 ft

Date Measured 11/65

Pumping Depth

Test Duration 24 hr

Pumping Rate 20 GPM

Test Date 11/65

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes x No

No. of Samples

Type of Samples

Standard Water Quality

Date Sampled 11/4/65

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

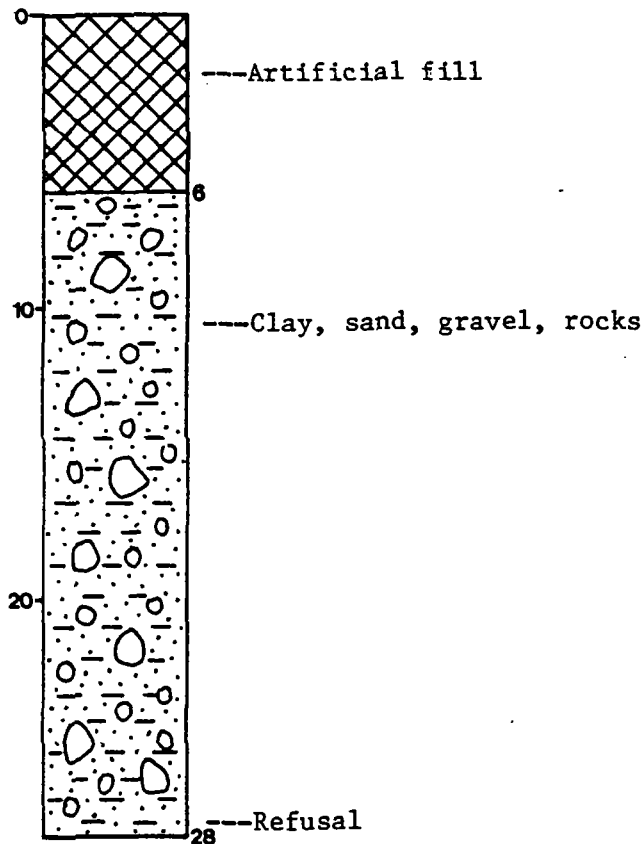
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 2
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (B2) 171

Location Reading

Owner MDPW

Ground Elev. 157

Driller

Drilling Completed 1948

Type of Rig

----- WELL DATA -----

Hole Diam.

Depth 28

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

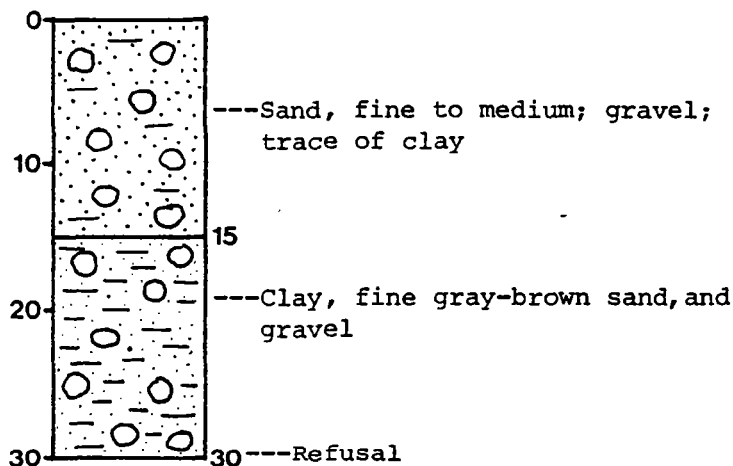
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 5
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W120) 172

Location Reading

Owner Town of Reading

Ground Elev. 110

Driller

Drilling Completed 1969

Type of Rig

----- WELL DATA -----

Hole Diam.

Depth

Casing Diam. 2

Casing Depth 15

Screen Diam.

Screen Setting

Screen Type

Well Type Test

----- TEST DATA -----

Static Water Level 4

Date Measured August 1969

Pumping Depth

Test Duration 6

Pumping Rate 45 GPM

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

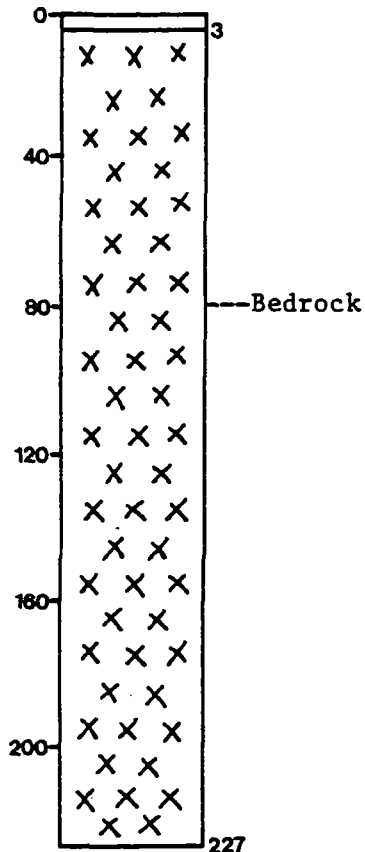
From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 27
Project Name Woburn Well Survey
Project # TDD FI-8010-03A
Date Prepared 3/12/81
Prepared By D. Cook

Depth, Ft. (M)

Description



Well No. (W 188) 173

Location Wilmington

Owner William Gauvin

Ground Elev. 145

Driller

Drilling Completed 1956

Type of Rig

----- WELL DATA -----

Hole Diam.

Depth 227'

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type

----- TEST DATA -----

Static Water Level 60

Date Measured 9/56

Pumping Depth

Test Duration

Pumping Rate 16 pm

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No x

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

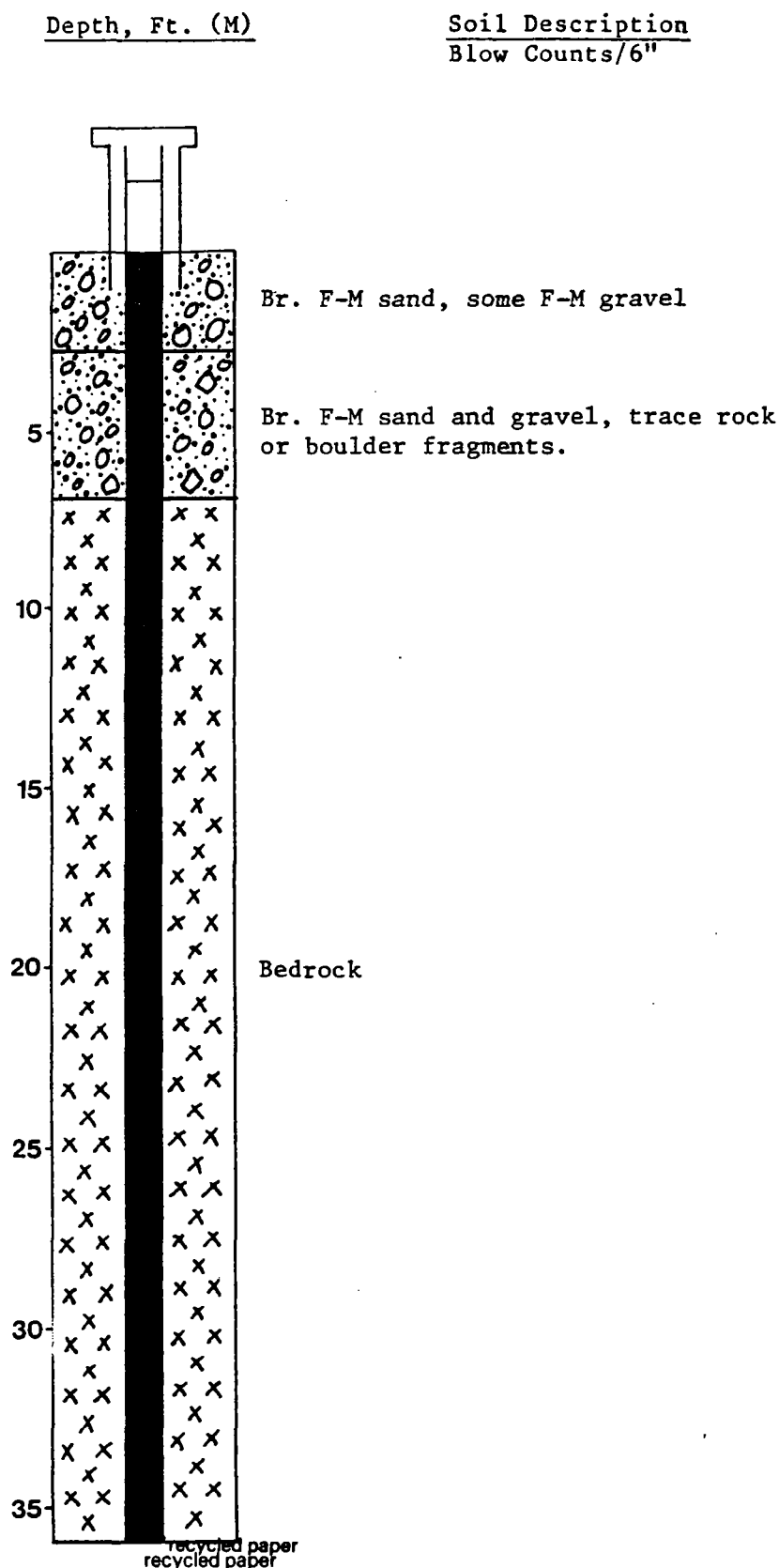
Comments

----- REMARKS -----

From Delaney and Gay (1980)

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 128
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley



Well No. (E44)(Boring) 174
Location Woburn, MA
Owner MDC
Ground Elev. 106'2" MSL
Driller Guild Drilling Co., Inc.
Drilling Completed 8/11/81
Type of Rig Truck Mounted
----- WELL DATA -----
Well Diam. _____
Depth 36' 3"
Screen Diam. _____
Screen Setting _____
Screen Type _____
Well Type Boring
Static Water Level _____
Date Measured _____
----- WATER QUALITY -----
Samples Taken Yes _____ No ☒
No. of Samples _____
Type of Samples _____
Date Sampled _____
Samplers _____
Will be Analyzed for _____

REMARKS
Boring Log Courtesy of Haley
& Aldrich, Inc., Cambridge, MA.

SOIL DESCRIPTION ABBREVIATIONS
Trace 0-10% C-Coarse Br-brown
Some 10-40% M-Medium Bl-black
And 40-50% F-Fine Y-yellow
T-tan
Gr-grey
R-red

ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 129
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M)

Soil Description
Blow Counts/6"

Well No. (E 45)(Boring) 175

Location Woburn, MAOwner MDCGround Elev. 122.8' MSLDriller Guild Drilling Co. Inc.Drilling Completed 8/14/81Type of Rig Truck Mounted

----- WELL DATA -----

Well Diam. _____

Depth 54'

Screen Diam. _____

Screen Setting _____

Screen Type _____

Well Type Boring

Static Water Level _____

Date Measured _____

----- WATER QUALITY -----

Samples Taken Yes _____ No X

No. of Samples _____

Type of Samples _____

Date Sampled _____

Samplers _____

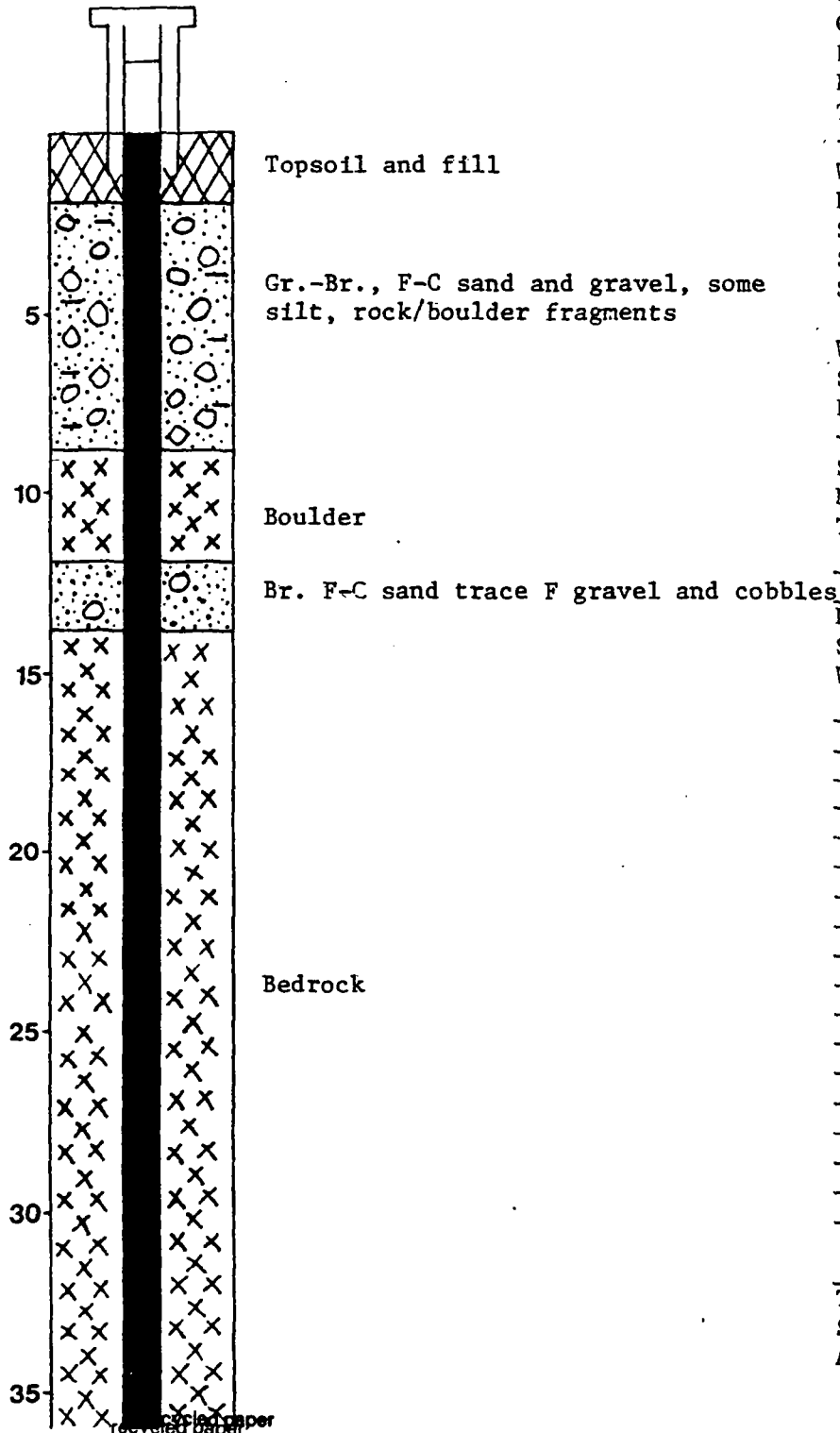
Will be Analyzed for _____

REMARKS

Boring Log Courtesy of Haley
& Aldrich, Inc. Cambridge, MA.

SOIL DESCRIPTION ABBREVIATIONS

Trace 0-10%	C-Coarse	Br-brown
Some 10-40%	M-Medium	Bl-black
And 40-50%	F-Fine	Y-yellow
		T-tan
		Gr-grey
		R-red

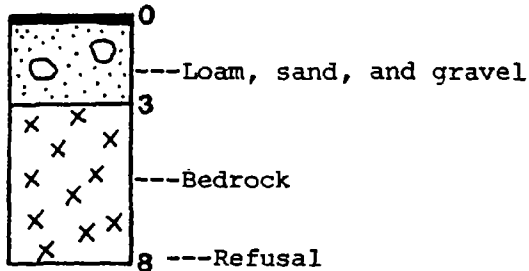


ECOLOGY AND ENVIRONMENT, INC.
30 East Cummings Park
Woburn, MA 01801

Well Log # 21
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 12/8/80
Prepared By R. DiNitto

Depth, Ft. (M)

Description



Well No. (GW 9) 176

Location Corner of Eames St.
and B&M Railroad, Wilmington

Owner Olin Chemical

Ground Elev. 90 ft.

Driller

Drilling Completed

Type of Rig

----- WELL DATA -----

Hole Diam. 1½ in.

Depth 6-8 ft.

Casing Diam.

Casing Depth

Screen Diam.

Screen Setting

Screen Type

Well Type well not installed

----- TEST DATA -----

Static Water Level

Date Measured

Pumping Depth

Test Duration

Pumping Rate

Test Date

Test Type

Pump Setting

Specific Gravity

Final Pump Capacity

Final Pump Setting

Average Pumpage

----- WATER QUALITY -----

Samples Taken Yes No X

No. of Samples

Type of Samples

Date Sampled

Samplers

Will be Analyzed for

Split Samples to

Comments

----- REMARKS -----

From Geotechnical Engineers

Inc. (1978)